



Appendix B

E-UTRA Band 38



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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	EIRP (dBm)	Limit (dBm)	Verdict
Band38	5MHz	QPSK	37775	1RB#0	23.02	21.62	33	PASS
Band38	5MHz	QPSK	37775	1RB#12	23.09	21.69	33	PASS
Band38	5MHz	QPSK	37775	1RB#24	23.04	21.64	33	PASS
Band38	5MHz	QPSK	37775	12RB#6	22.01	20.61	33	PASS
Band38	5MHz	QPSK	37775	12RB#0	21.79	20.39	33	PASS
Band38	5MHz	QPSK	37775	12RB#13	22.03	20.63	33	PASS
Band38	5MHz	QPSK	37775	25RB#0	22.14	20.74	33	PASS
Band38	5MHz	QPSK	38000	1RB#24	23.06	21.66	33	PASS
Band38	5MHz	QPSK	38000	1RB#0	23.01	21.61	33	PASS
Band38	5MHz	QPSK	38000	1RB#12	23.06	21.66	33	PASS
Band38	5MHz	QPSK	38000	12RB#0	22.10	20.7	33	PASS
Band38	5MHz	QPSK	38000	12RB#6	21.83	20.43	33	PASS
Band38	5MHz	QPSK	38000	12RB#13	22.14	20.74	33	PASS
Band38	5MHz	QPSK	38000	25RB#0	22.13	20.73	33	PASS
Band38	5MHz	QPSK	38225	1RB#12	23.14	21.74	33	PASS
Band38	5MHz	QPSK	38225	1RB#0	23.07	21.67	33	PASS
Band38	5MHz	QPSK	38225	1RB#24	23.12	21.72	33	PASS
Band38	5MHz	QPSK	38225	12RB#13	22.14	20.74	33	PASS
Band38	5MHz	QPSK	38225	12RB#6	21.95	20.55	33	PASS
Band38	5MHz	QPSK	38225	12RB#0	22.21	20.81	33	PASS
Band38	5MHz	QPSK	38225	25RB#0	22.14	20.74	33	PASS
Band38	5MHz	64QAM	37775	1RB#0	20.98	19.58	33	PASS
Band38	5MHz	64QAM	37775	1RB#24	20.98	19.58	33	PASS
Band38	5MHz	64QAM	37775	1RB#12	20.96	19.56	33	PASS
Band38	5MHz	64QAM	37775	12RB#0	19.95	18.55	33	PASS
Band38	5MHz	64QAM	37775	12RB#6	19.99	18.59	33	PASS
Band38	5MHz	64QAM	37775	12RB#13	20.04	18.64	33	PASS



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Band38	5MHz	64QAM	37775	25RB#0	20.09	18.69	33	PASS
Band38	5MHz	64QAM	38000	1RB#0	20.94	19.54	33	PASS
Band38	5MHz	64QAM	38000	1RB#12	20.94	19.54	33	PASS
Band38	5MHz	64QAM	38000	1RB#24	21.00	19.6	33	PASS
Band38	5MHz	64QAM	38000	12RB#13	19.92	18.52	33	PASS
Band38	5MHz	64QAM	38000	12RB#6	19.90	18.5	33	PASS
Band38	5MHz	64QAM	38000	12RB#0	19.91	18.51	33	PASS
Band38	5MHz	64QAM	38000	25RB#0	19.99	18.59	33	PASS
Band38	5MHz	64QAM	38225	1RB#0	20.91	19.51	33	PASS
Band38	5MHz	64QAM	38225	1RB#12	20.99	19.59	33	PASS
Band38	5MHz	64QAM	38225	1RB#24	20.96	19.56	33	PASS
Band38	5MHz	64QAM	38225	12RB#0	19.97	18.57	33	PASS
Band38	5MHz	64QAM	38225	12RB#6	19.84	18.44	33	PASS
Band38	5MHz	64QAM	38225	12RB#13	20.05	18.65	33	PASS
Band38	5MHz	64QAM	38225	25RB#0	20.00	18.6	33	PASS
Band38	5MHz	16QAM	37775	1RB#0	22.11	20.71	33	PASS
Band38	5MHz	16QAM	37775	1RB#24	22.17	20.77	33	PASS
Band38	5MHz	16QAM	37775	1RB#12	22.06	20.66	33	PASS
Band38	5MHz	16QAM	37775	12RB#13	21.13	19.73	33	PASS
Band38	5MHz	16QAM	37775	12RB#6	21.13	19.73	33	PASS
Band38	5MHz	16QAM	37775	12RB#0	21.15	19.75	33	PASS
Band38	5MHz	16QAM	37775	25RB#0	21.18	19.78	33	PASS
Band38	5MHz	16QAM	38000	1RB#0	22.13	20.73	33	PASS
Band38	5MHz	16QAM	38000	1RB#12	22.09	20.69	33	PASS
Band38	5MHz	16QAM	38000	1RB#24	22.14	20.74	33	PASS
Band38	5MHz	16QAM	38000	12RB#0	21.08	19.68	33	PASS
Band38	5MHz	16QAM	38000	12RB#6	21.06	19.66	33	PASS
Band38	5MHz	16QAM	38000	12RB#13	21.08	19.68	33	PASS
Band38	5MHz	16QAM	38000	25RB#0	21.09	19.69	33	PASS
Band38	5MHz	16QAM	38225	1RB#0	22.02	20.62	33	PASS
Band38	5MHz	16QAM	38225	1RB#24	22.08	20.68	33	PASS
Band38	5MHz	16QAM	38225	1RB#12	22.13	20.73	33	PASS
Band38	5MHz	16QAM	38225	12RB#0	21.11	19.71	33	PASS



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Band38	5MHz	16QAM	38225	12RB#6	21.03	19.63	33	PASS
Band38	5MHz	16QAM	38225	12RB#13	21.14	19.74	33	PASS
Band38	5MHz	16QAM	38225	25RB#0	21.12	19.72	33	PASS
Band38	10MHz	QPSK	37800	1RB#49	23.12	21.72	33	PASS
Band38	10MHz	QPSK	37800	1RB#24	23.10	21.7	33	PASS
Band38	10MHz	QPSK	37800	1RB#0	23.11	21.71	33	PASS
Band38	10MHz	QPSK	37800	25RB#12	22.07	20.67	33	PASS
Band38	10MHz	QPSK	37800	25RB#0	22.06	20.66	33	PASS
Band38	10MHz	QPSK	37800	25RB#25	22.15	20.75	33	PASS
Band38	10MHz	QPSK	37800	50RB#0	21.96	20.56	33	PASS
Band38	10MHz	QPSK	38000	1RB#24	23.03	21.63	33	PASS
Band38	10MHz	QPSK	38000	1RB#49	23.11	21.71	33	PASS
Band38	10MHz	QPSK	38000	1RB#0	23.08	21.68	33	PASS
Band38	10MHz	QPSK	38000	25RB#25	22.12	20.72	33	PASS
Band38	10MHz	QPSK	38000	25RB#0	22.14	20.74	33	PASS
Band38	10MHz	QPSK	38000	25RB#12	21.98	20.58	33	PASS
Band38	10MHz	QPSK	38000	50RB#0	21.85	20.45	33	PASS
Band38	10MHz	QPSK	38200	1RB#49	23.13	21.73	33	PASS
Band38	10MHz	QPSK	38200	1RB#24	23.07	21.67	33	PASS
Band38	10MHz	QPSK	38200	1RB#0	23.14	21.74	33	PASS
Band38	10MHz	QPSK	38200	25RB#25	22.06	20.66	33	PASS
Band38	10MHz	QPSK	38200	25RB#0	22.07	20.67	33	PASS
Band38	10MHz	QPSK	38200	25RB#12	21.87	20.47	33	PASS
Band38	10MHz	QPSK	38200	50RB#0	22.01	20.61	33	PASS
Band38	10MHz	64QAM	37800	1RB#24	21.00	19.6	33	PASS
Band38	10MHz	64QAM	37800	1RB#49	21.04	19.64	33	PASS
Band38	10MHz	64QAM	37800	1RB#0	20.73	19.33	33	PASS
Band38	10MHz	64QAM	37800	25RB#0	20.07	18.67	33	PASS
Band38	10MHz	64QAM	37800	25RB#12	19.90	18.5	33	PASS
Band38	10MHz	64QAM	37800	25RB#25	19.96	18.56	33	PASS
Band38	10MHz	64QAM	37800	50RB#0	20.00	18.6	33	PASS
Band38	10MHz	64QAM	38000	1RB#49	20.84	19.44	33	PASS
Band38	10MHz	64QAM	38000	1RB#0	21.02	19.62	33	PASS



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Band38	10MHz	64QAM	38000	1RB#24	20.86	19.46	33	PASS
Band38	10MHz	64QAM	38000	25RB#0	20.02	18.62	33	PASS
Band38	10MHz	64QAM	38000	25RB#12	19.98	18.58	33	PASS
Band38	10MHz	64QAM	38000	25RB#25	19.82	18.42	33	PASS
Band38	10MHz	64QAM	38000	50RB#0	20.01	18.61	33	PASS
Band38	10MHz	64QAM	38200	1RB#0	20.93	19.53	33	PASS
Band38	10MHz	64QAM	38200	1RB#49	21.07	19.67	33	PASS
Band38	10MHz	64QAM	38200	1RB#24	21.02	19.62	33	PASS
Band38	10MHz	64QAM	38200	25RB#25	19.96	18.56	33	PASS
Band38	10MHz	64QAM	38200	25RB#0	20.04	18.64	33	PASS
Band38	10MHz	64QAM	38200	25RB#12	20.07	18.67	33	PASS
Band38	10MHz	64QAM	38200	50RB#0	19.96	18.56	33	PASS
Band38	10MHz	16QAM	37800	1RB#0	22.09	20.69	33	PASS
Band38	10MHz	16QAM	37800	1RB#24	22.14	20.74	33	PASS
Band38	10MHz	16QAM	37800	1RB#49	21.86	20.46	33	PASS
Band38	10MHz	16QAM	37800	25RB#12	21.18	19.78	33	PASS
Band38	10MHz	16QAM	37800	25RB#0	21.03	19.63	33	PASS
Band38	10MHz	16QAM	37800	25RB#25	21.07	19.67	33	PASS
Band38	10MHz	16QAM	37800	50RB#0	21.11	19.71	33	PASS
Band38	10MHz	16QAM	38000	1RB#0	22.02	20.62	33	PASS
Band38	10MHz	16QAM	38000	1RB#49	22.11	20.71	33	PASS
Band38	10MHz	16QAM	38000	1RB#24	21.98	20.58	33	PASS
Band38	10MHz	16QAM	38000	25RB#0	21.15	19.75	33	PASS
Band38	10MHz	16QAM	38000	25RB#25	21.16	19.76	33	PASS
Band38	10MHz	16QAM	38000	25RB#12	21.00	19.6	33	PASS
Band38	10MHz	16QAM	38000	50RB#0	21.12	19.72	33	PASS
Band38	10MHz	16QAM	38200	1RB#0	22.04	20.64	33	PASS
Band38	10MHz	16QAM	38200	1RB#49	22.16	20.76	33	PASS
Band38	10MHz	16QAM	38200	1RB#24	22.19	20.79	33	PASS
Band38	10MHz	16QAM	38200	25RB#0	21.10	19.7	33	PASS
Band38	10MHz	16QAM	38200	25RB#12	21.15	19.75	33	PASS
Band38	10MHz	16QAM	38200	25RB#25	21.15	19.75	33	PASS
Band38	10MHz	16QAM	38200	50RB#0	21.14	19.74	33	PASS



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Band38	15MHz	QPSK	37825	1RB#74	23.15	21.75	33	PASS
Band38	15MHz	QPSK	37825	1RB#38	23.06	21.66	33	PASS
Band38	15MHz	QPSK	37825	1RB#0	23.17	21.77	33	PASS
Band38	15MHz	QPSK	37825	36RB#39	21.89	20.49	33	PASS
Band38	15MHz	QPSK	37825	36RB#18	21.79	20.39	33	PASS
Band38	15MHz	QPSK	37825	36RB#0	22.03	20.63	33	PASS
Band38	15MHz	QPSK	37825	75RB#0	21.86	20.46	33	PASS
Band38	15MHz	QPSK	38000	1RB#0	23.11	21.71	33	PASS
Band38	15MHz	QPSK	38000	1RB#38	23.03	21.63	33	PASS
Band38	15MHz	QPSK	38000	1RB#74	23.18	21.78	33	PASS
Band38	15MHz	QPSK	38000	36RB#0	22.04	20.64	33	PASS
Band38	15MHz	QPSK	38000	36RB#18	21.86	20.46	33	PASS
Band38	15MHz	QPSK	38000	36RB#39	21.88	20.48	33	PASS
Band38	15MHz	QPSK	38000	75RB#0	21.85	20.45	33	PASS
Band38	15MHz	QPSK	38175	1RB#0	23.06	21.66	33	PASS
Band38	15MHz	QPSK	38175	1RB#38	23.24	21.84	33	PASS
Band38	15MHz	QPSK	38175	1RB#74	23.23	21.83	33	PASS
Band38	15MHz	QPSK	38175	36RB#0	21.98	20.58	33	PASS
Band38	15MHz	QPSK	38175	36RB#18	22.00	20.6	33	PASS
Band38	15MHz	QPSK	38175	36RB#39	21.87	20.47	33	PASS
Band38	15MHz	QPSK	38175	75RB#0	22.00	20.6	33	PASS
Band38	15MHz	64QAM	37825	1RB#74	20.88	19.48	33	PASS
Band38	15MHz	64QAM	37825	1RB#38	20.98	19.58	33	PASS
Band38	15MHz	64QAM	37825	1RB#0	20.78	19.38	33	PASS
Band38	15MHz	64QAM	37825	36RB#0	19.95	18.55	33	PASS
Band38	15MHz	64QAM	37825	36RB#18	20.03	18.63	33	PASS
Band38	15MHz	64QAM	37825	36RB#39	19.90	18.5	33	PASS
Band38	15MHz	64QAM	37825	75RB#0	20.02	18.62	33	PASS
Band38	15MHz	64QAM	38000	1RB#38	20.98	19.58	33	PASS
Band38	15MHz	64QAM	38000	1RB#74	20.95	19.55	33	PASS
Band38	15MHz	64QAM	38000	1RB#0	20.96	19.56	33	PASS
Band38	15MHz	64QAM	38000	36RB#39	19.97	18.57	33	PASS
Band38	15MHz	64QAM	38000	36RB#0	20.05	18.65	33	PASS



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Band38	15MHz	64QAM	38000	36RB#18	19.92	18.52	33	PASS
Band38	15MHz	64QAM	38000	75RB#0	20.00	18.6	33	PASS
Band38	15MHz	64QAM	38175	1RB#0	20.84	19.44	33	PASS
Band38	15MHz	64QAM	38175	1RB#38	21.06	19.66	33	PASS
Band38	15MHz	64QAM	38175	1RB#74	20.94	19.54	33	PASS
Band38	15MHz	64QAM	38175	36RB#18	20.04	18.64	33	PASS
Band38	15MHz	64QAM	38175	36RB#0	19.94	18.54	33	PASS
Band38	15MHz	64QAM	38175	36RB#39	20.06	18.66	33	PASS
Band38	15MHz	64QAM	38175	75RB#0	19.82	18.42	33	PASS
Band38	15MHz	16QAM	37825	1RB#38	22.04	20.64	33	PASS
Band38	15MHz	16QAM	37825	1RB#0	22.14	20.74	33	PASS
Band38	15MHz	16QAM	37825	1RB#74	21.86	20.46	33	PASS
Band38	15MHz	16QAM	37825	36RB#0	21.06	19.66	33	PASS
Band38	15MHz	16QAM	37825	36RB#39	21.13	19.73	33	PASS
Band38	15MHz	16QAM	37825	36RB#18	21.03	19.63	33	PASS
Band38	15MHz	16QAM	37825	75RB#0	21.16	19.76	33	PASS
Band38	15MHz	16QAM	38000	1RB#38	22.10	20.7	33	PASS
Band38	15MHz	16QAM	38000	1RB#74	22.09	20.69	33	PASS
Band38	15MHz	16QAM	38000	1RB#0	22.06	20.66	33	PASS
Band38	15MHz	16QAM	38000	36RB#0	21.14	19.74	33	PASS
Band38	15MHz	16QAM	38000	36RB#18	21.16	19.76	33	PASS
Band38	15MHz	16QAM	38000	36RB#39	21.10	19.7	33	PASS
Band38	15MHz	16QAM	38000	75RB#0	21.12	19.72	33	PASS
Band38	15MHz	16QAM	38175	1RB#0	21.93	20.53	33	PASS
Band38	15MHz	16QAM	38175	1RB#38	22.16	20.76	33	PASS
Band38	15MHz	16QAM	38175	1RB#74	22.11	20.71	33	PASS
Band38	15MHz	16QAM	38175	36RB#0	21.14	19.74	33	PASS
Band38	15MHz	16QAM	38175	36RB#18	21.09	19.69	33	PASS
Band38	15MHz	16QAM	38175	36RB#39	21.15	19.75	33	PASS
Band38	15MHz	16QAM	38175	75RB#0	21.01	19.61	33	PASS
Band38	20MHz	QPSK	37850	1RB#0	23.15	21.75	33	PASS
Band38	20MHz	QPSK	37850	1RB#49	23.01	21.61	33	PASS
Band38	20MHz	QPSK	37850	1RB#99	23.15	21.75	33	PASS



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Band38	20MHz	QPSK	37850	50RB#25	22.06	20.66	33	PASS
Band38	20MHz	QPSK	37850	50RB#0	22.12	20.72	33	PASS
Band38	20MHz	QPSK	37850	50RB#50	22.08	20.68	33	PASS
Band38	20MHz	QPSK	37850	100RB#0	23.12	21.72	33	PASS
Band38	20MHz	QPSK	38000	1RB#99	23.12	21.72	33	PASS
Band38	20MHz	QPSK	38000	1RB#0	23.05	21.65	33	PASS
Band38	20MHz	QPSK	38000	1RB#49	23.22	21.82	33	PASS
Band38	20MHz	QPSK	38000	50RB#0	22.17	20.77	33	PASS
Band38	20MHz	QPSK	38000	50RB#25	22.08	20.68	33	PASS
Band38	20MHz	QPSK	38000	50RB#50	22.01	20.61	33	PASS
Band38	20MHz	QPSK	38000	100RB#0	21.78	20.38	33	PASS
Band38	20MHz	QPSK	38150	1RB#49	23.04	21.64	33	PASS
Band38	20MHz	QPSK	38150	1RB#0	23.05	21.65	33	PASS
Band38	20MHz	QPSK	38150	1RB#99	23.07	21.67	33	PASS
Band38	20MHz	QPSK	38150	50RB#25	22.12	20.72	33	PASS
Band38	20MHz	QPSK	38150	50RB#0	22.03	20.63	33	PASS
Band38	20MHz	QPSK	38150	50RB#50	22.07	20.67	33	PASS
Band38	20MHz	QPSK	38150	100RB#0	21.87	20.47	33	PASS
Band38	20MHz	64QAM	37850	1RB#0	20.82	19.42	33	PASS
Band38	20MHz	64QAM	37850	1RB#49	20.81	19.41	33	PASS
Band38	20MHz	64QAM	37850	1RB#99	20.68	19.28	33	PASS
Band38	20MHz	64QAM	37850	50RB#50	19.81	18.41	33	PASS
Band38	20MHz	64QAM	37850	50RB#0	19.69	18.29	33	PASS
Band38	20MHz	64QAM	37850	50RB#25	19.94	18.54	33	PASS
Band38	20MHz	64QAM	37850	100RB#0	20.03	18.63	33	PASS
Band38	20MHz	64QAM	38000	1RB#0	20.73	19.33	33	PASS
Band38	20MHz	64QAM	38000	1RB#49	20.73	19.33	33	PASS
Band38	20MHz	64QAM	38000	1RB#99	20.73	19.33	33	PASS
Band38	20MHz	64QAM	38000	50RB#0	19.77	18.37	33	PASS
Band38	20MHz	64QAM	38000	50RB#25	19.68	18.28	33	PASS
Band38	20MHz	64QAM	38000	50RB#50	20.03	18.63	33	PASS
Band38	20MHz	64QAM	38000	100RB#0	20.05	18.65	33	PASS
Band38	20MHz	64QAM	38150	1RB#99	20.62	19.22	33	PASS



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Band38	20MHz	64QAM	38150	1RB#0	20.82	19.42	33	PASS
Band38	20MHz	64QAM	38150	1RB#49	20.77	19.37	33	PASS
Band38	20MHz	64QAM	38150	50RB#0	19.62	18.22	33	PASS
Band38	20MHz	64QAM	38150	50RB#50	19.69	18.29	33	PASS
Band38	20MHz	64QAM	38150	50RB#25	20.02	18.62	33	PASS
Band38	20MHz	64QAM	38150	100RB#0	20.04	18.64	33	PASS
Band38	20MHz	16QAM	37850	1RB#0	21.96	20.56	33	PASS
Band38	20MHz	16QAM	37850	1RB#49	21.90	20.5	33	PASS
Band38	20MHz	16QAM	37850	1RB#99	21.85	20.45	33	PASS
Band38	20MHz	16QAM	37850	50RB#0	20.92	19.52	33	PASS
Band38	20MHz	16QAM	37850	50RB#25	20.82	19.42	33	PASS
Band38	20MHz	16QAM	37850	50RB#50	21.04	19.64	33	PASS
Band38	20MHz	16QAM	37850	100RB#0	21.15	19.75	33	PASS
Band38	20MHz	16QAM	38000	1RB#0	21.86	20.46	33	PASS
Band38	20MHz	16QAM	38000	1RB#99	21.85	20.45	33	PASS
Band38	20MHz	16QAM	38000	1RB#49	21.87	20.47	33	PASS
Band38	20MHz	16QAM	38000	50RB#0	20.85	19.45	33	PASS
Band38	20MHz	16QAM	38000	50RB#25	20.87	19.47	33	PASS
Band38	20MHz	16QAM	38000	50RB#50	21.20	19.8	33	PASS
Band38	20MHz	16QAM	38000	100RB#0	21.14	19.74	33	PASS
Band38	20MHz	16QAM	38150	1RB#0	21.78	20.38	33	PASS
Band38	20MHz	16QAM	38150	1RB#99	22.01	20.61	33	PASS
Band38	20MHz	16QAM	38150	1RB#49	21.85	20.45	33	PASS
Band38	20MHz	16QAM	38150	50RB#50	20.76	19.36	33	PASS
Band38	20MHz	16QAM	38150	50RB#25	20.78	19.38	33	PASS
Band38	20MHz	16QAM	38150	50RB#0	21.10	19.7	33	PASS
Band38	20MHz	16QAM	38150	100RB#0	21.20	19.8	33	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]



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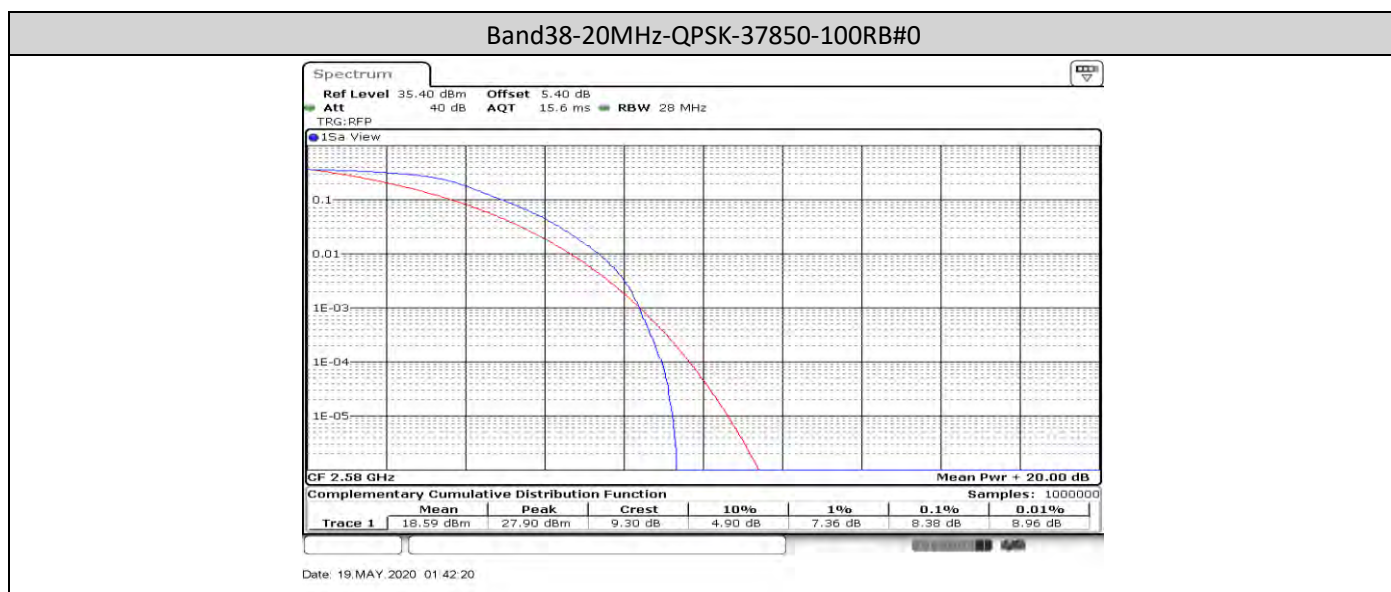


2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

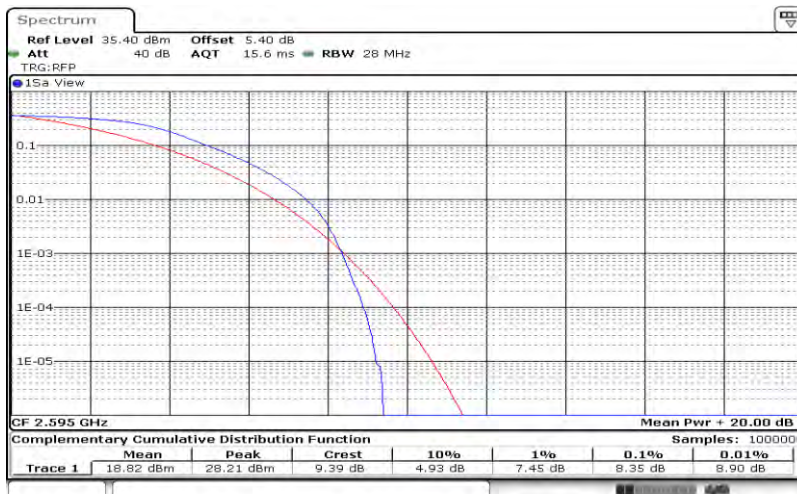
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	8.38	13	PASS
Band38	20MHz	QPSK	38000	100RB#0	8.35	13	PASS
Band38	20MHz	QPSK	38150	100RB#0	8.17	13	PASS
Band38	20MHz	64QAM	37850	100RB#0	6.17	13	PASS
Band38	20MHz	64QAM	38000	100RB#0	9.62	13	PASS
Band38	20MHz	64QAM	38150	100RB#0	9.45	13	PASS
Band38	20MHz	16QAM	37850	100RB#0	9.19	13	PASS
Band38	20MHz	16QAM	38000	100RB#0	9.39	13	PASS
Band38	20MHz	16QAM	38150	100RB#0	8.93	13	PASS

2.2. Test Plots





Band38-20MHz-QPSK-38000-100RB#0



Date: 19.MAY.2020 01:42:43

Band38-20MHz-QPSK-38150-100RB#0



Date: 19.MAY.2020 01:43:05



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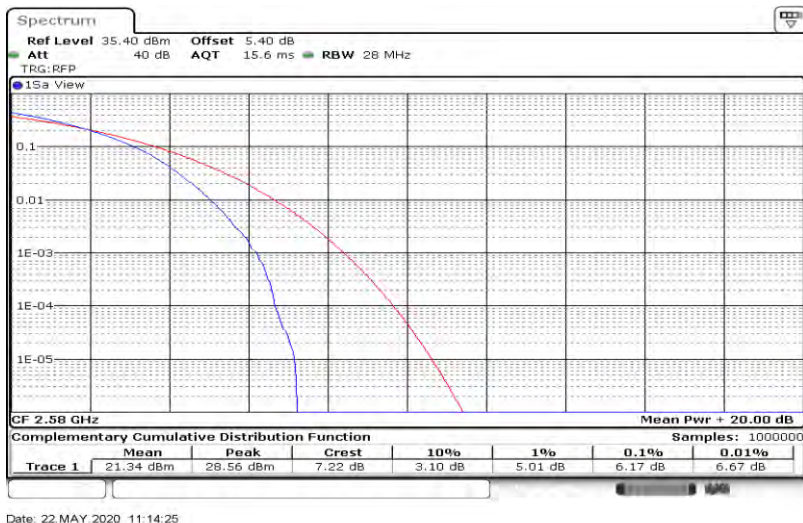
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Band38-20MHz-64QAM-37850-100RB#0



Band38-20MHz-64QAM-38000-100RB#0

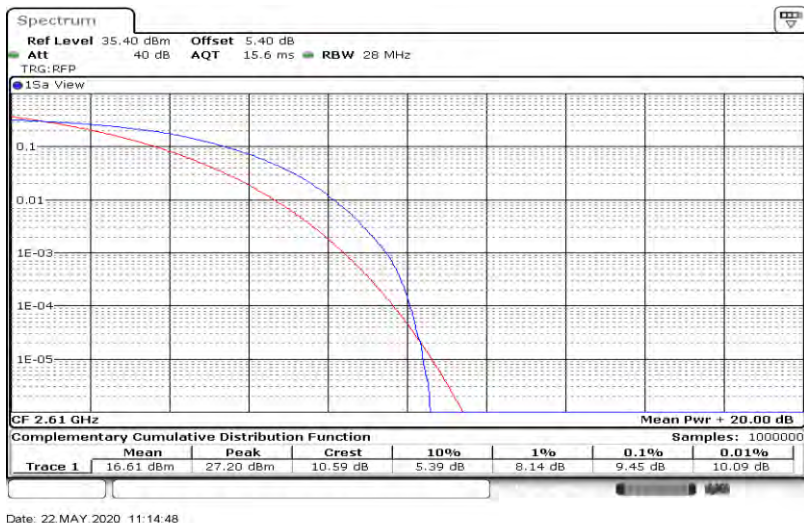


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Band38-20MHz-64QAM-38150-100RB#0



Band38-20MHz-16QAM-37850-100RB#0

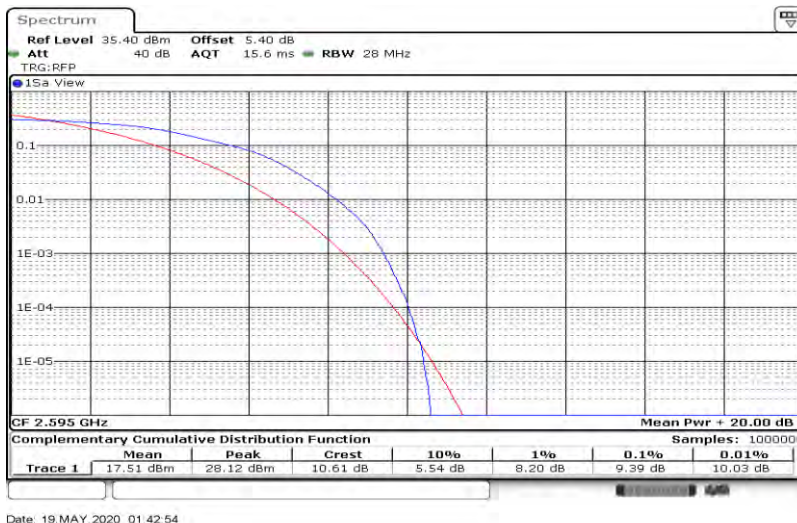


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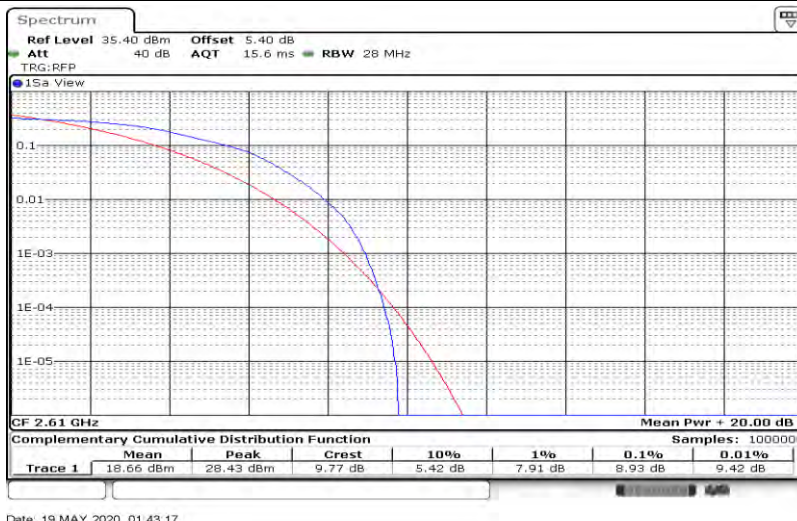
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Band38-20MHz-16QAM-38000-100RB#0



Band38-20MHz-16QAM-38150-100RB#0



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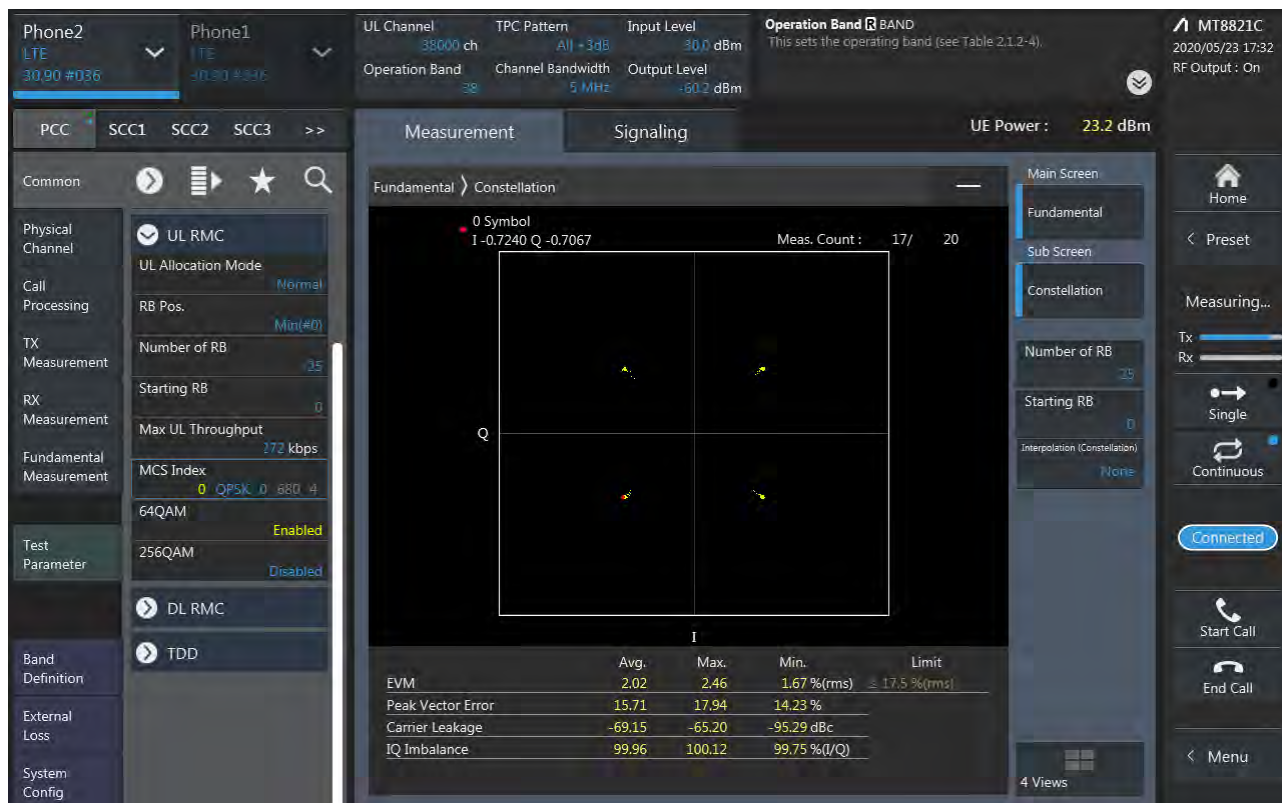
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3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 20MHz

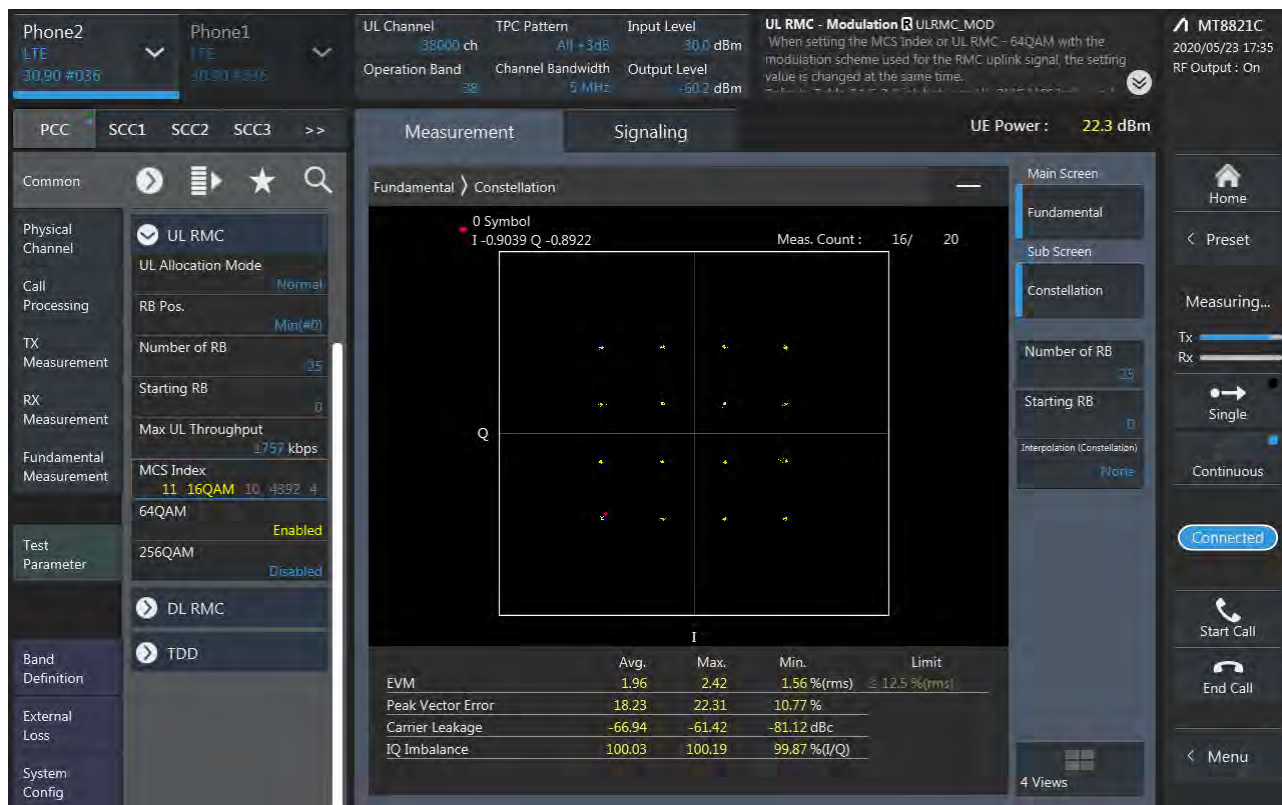
3.1.1. Test Channel = MCH





3.2. Test Mode = LTE /TM2 20MHz

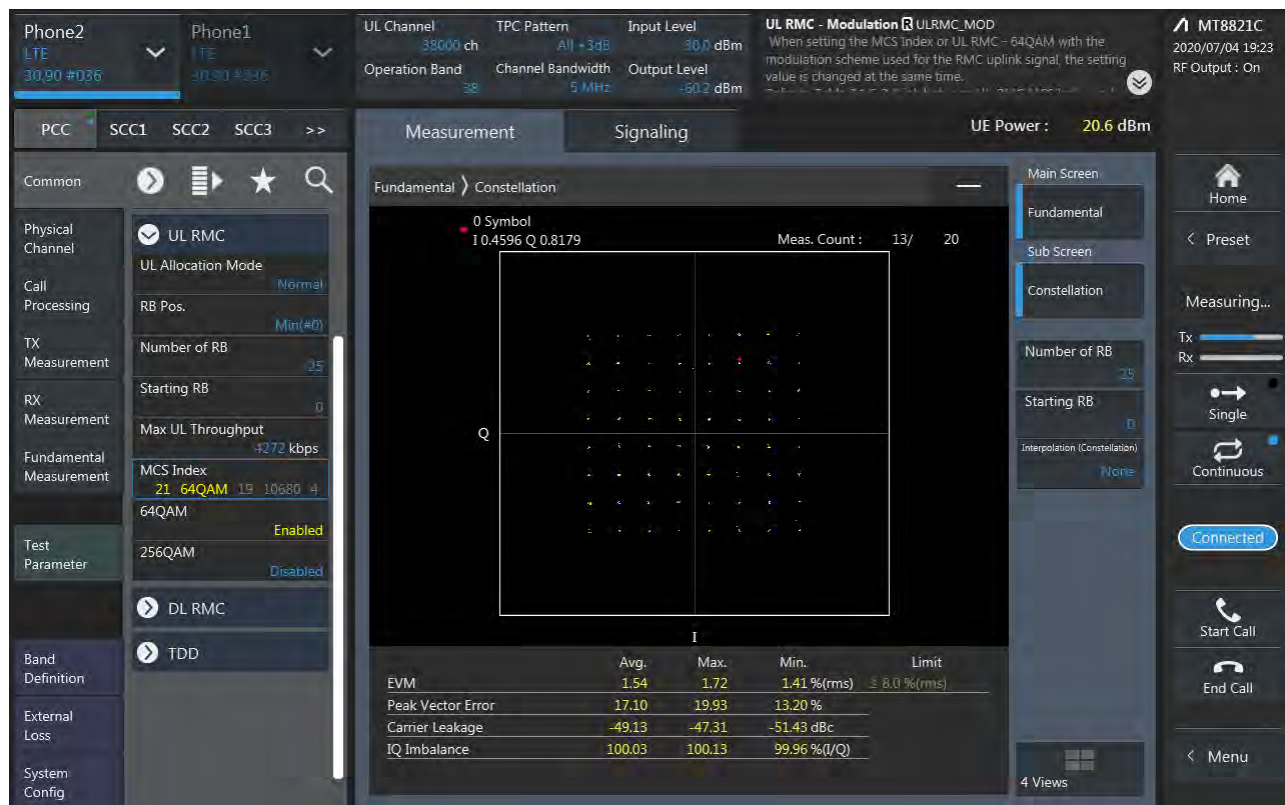
3.2.1. Test Channel = MCH





3.3. Test Mode = LTE /TM3 20MHz

3.3.1. Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band38	5MHz	QPSK	37775	25RB#0	4.476	4.960	PASS
Band38	5MHz	QPSK	38000	25RB#0	4.466	4.970	PASS
Band38	5MHz	QPSK	38225	25RB#0	4.466	4.980	PASS
Band38	5MHz	64QAM	37775	25RB#0	4.486	5.010	PASS
Band38	5MHz	64QAM	38000	25RB#0	4.486	5.050	PASS
Band38	5MHz	64QAM	38225	25RB#0	4.476	5.040	PASS
Band38	5MHz	16QAM	37775	25RB#0	4.496	4.970	PASS
Band38	5MHz	16QAM	38000	25RB#0	4.486	4.960	PASS
Band38	5MHz	16QAM	38225	25RB#0	4.486	4.950	PASS
Band38	10MHz	QPSK	37800	50RB#0	8.911	9.680	PASS
Band38	10MHz	QPSK	38000	50RB#0	8.911	9.700	PASS
Band38	10MHz	QPSK	38200	50RB#0	8.911	9.680	PASS
Band38	10MHz	64QAM	37800	50RB#0	8.911	9.740	PASS
Band38	10MHz	64QAM	38000	50RB#0	8.931	9.740	PASS
Band38	10MHz	64QAM	38200	50RB#0	8.911	9.740	PASS
Band38	10MHz	16QAM	37800	50RB#0	8.911	9.620	PASS
Band38	10MHz	16QAM	38000	50RB#0	8.911	9.640	PASS
Band38	10MHz	16QAM	38200	50RB#0	8.911	9.660	PASS
Band38	15MHz	QPSK	37825	75RB#0	13.487	16.230	PASS
Band38	15MHz	QPSK	38000	75RB#0	13.516	16.500	PASS
Band38	15MHz	QPSK	38175	75RB#0	13.487	16.230	PASS
Band38	15MHz	64QAM	37825	75RB#0	13.457	14.790	PASS
Band38	15MHz	64QAM	38000	75RB#0	13.487	15.060	PASS
Band38	15MHz	64QAM	38175	75RB#0	13.427	15.060	PASS
Band38	15MHz	16QAM	37825	75RB#0	13.457	15.210	PASS
Band38	15MHz	16QAM	38000	75RB#0	13.457	15.060	PASS
Band38	15MHz	16QAM	38175	75RB#0	13.427	15.030	PASS
Band38	20MHz	QPSK	37850	100RB#0	17.942	19.560	PASS
Band38	20MHz	QPSK	38000	100RB#0	17.902	19.600	PASS
Band38	20MHz	QPSK	38150	100RB#0	17.862	19.520	PASS
Band38	20MHz	64QAM	37850	100RB#0	17.862	19.400	PASS



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Band38	20MHz	64QAM	38000	100RB#0	17.902	19.640	PASS
Band38	20MHz	64QAM	38150	100RB#0	17.862	19.320	PASS
Band38	20MHz	16QAM	37850	100RB#0	17.902	20.200	PASS
Band38	20MHz	16QAM	38000	100RB#0	17.902	19.800	PASS
Band38	20MHz	16QAM	38150	100RB#0	17.862	19.640	PASS

4.2. Test Plots

Band38-5MHz-QPSK-37775-25RB#0-4.476

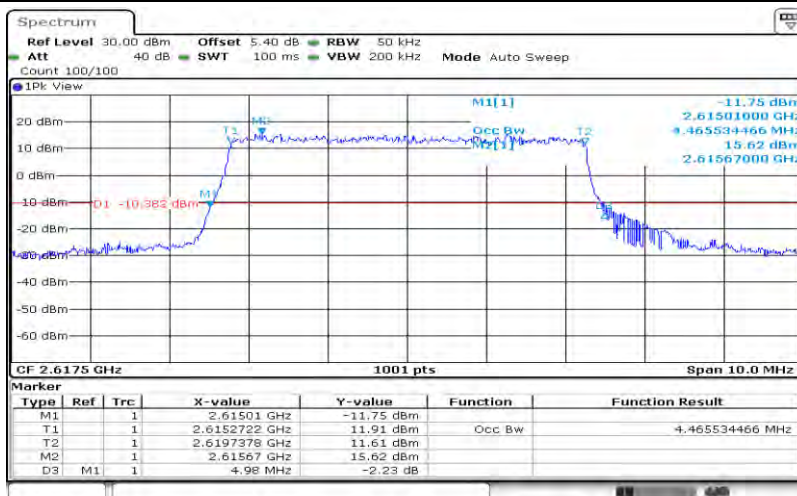


Band38-5MHz-QPSK-38000-25RB#0-4.466



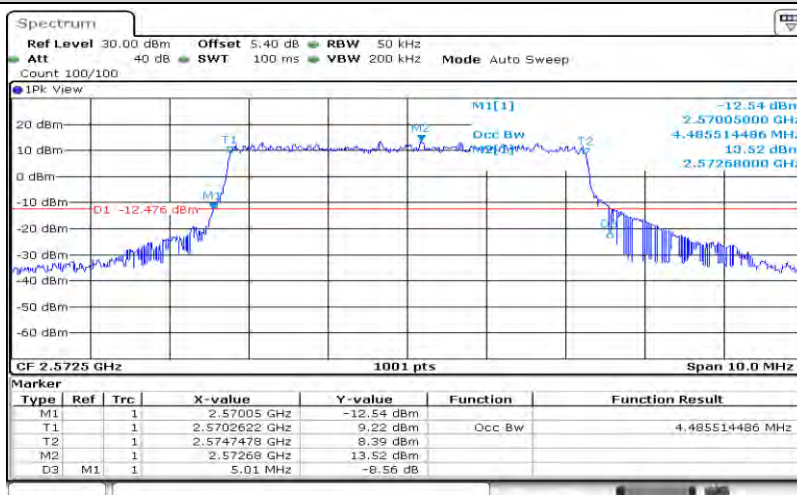


Band38-5MHz-QPSK-38225-25RB#0-4.466



Date: 19 MAY 2020 01:21:37

Band38-5MHz-64QAM-37775-25RB#0-4.486



Date: 22 MAY 2020 10:58:33



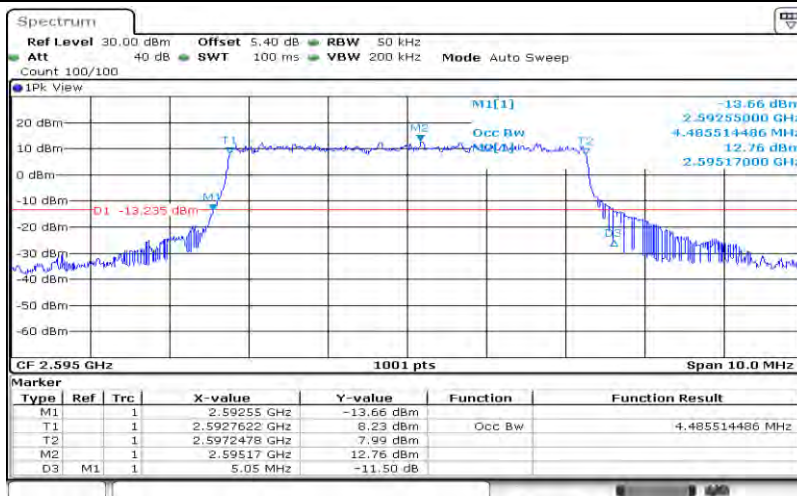
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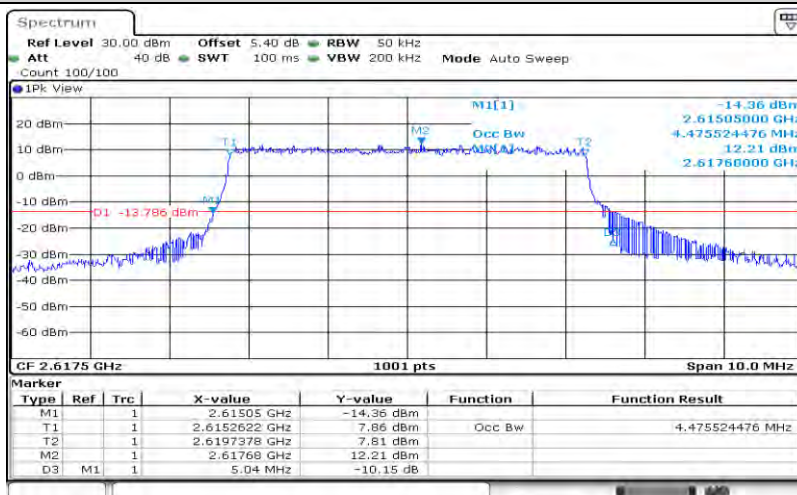


Band38-5MHz-64QAM-38000-25RB#0-4.486



Date: 22 MAY 2020 10:58:53

Band38-5MHz-64QAM-38225-25RB#0-4.476



Date: 22 MAY 2020 10:59:13

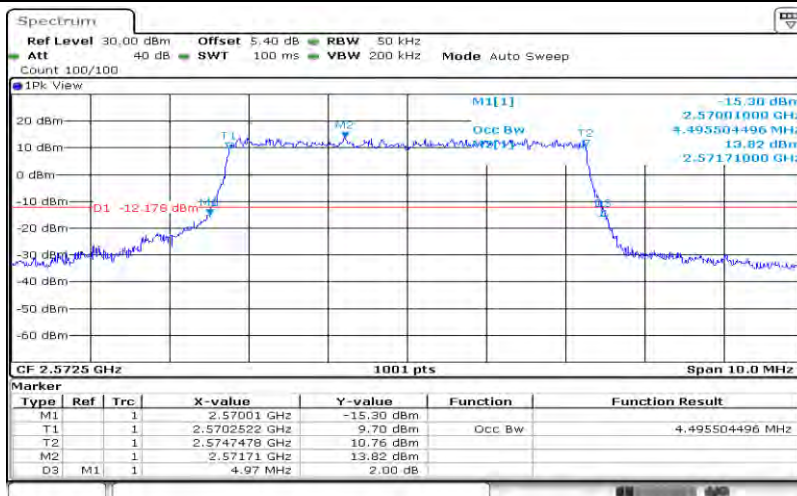


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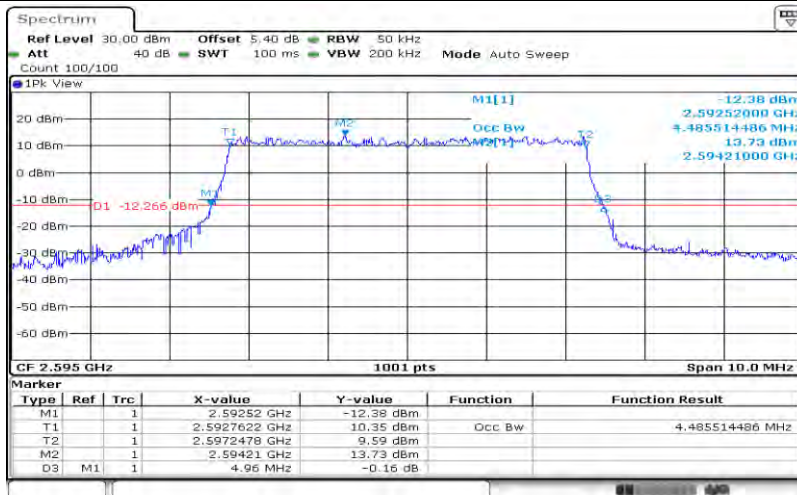


Band38-5MHz-16QAM-37775-25RB#0-4.496



Date: 19.MAY.2020 01:20:38

Band38-5MHz-16QAM-38000-25RB#0-4.486

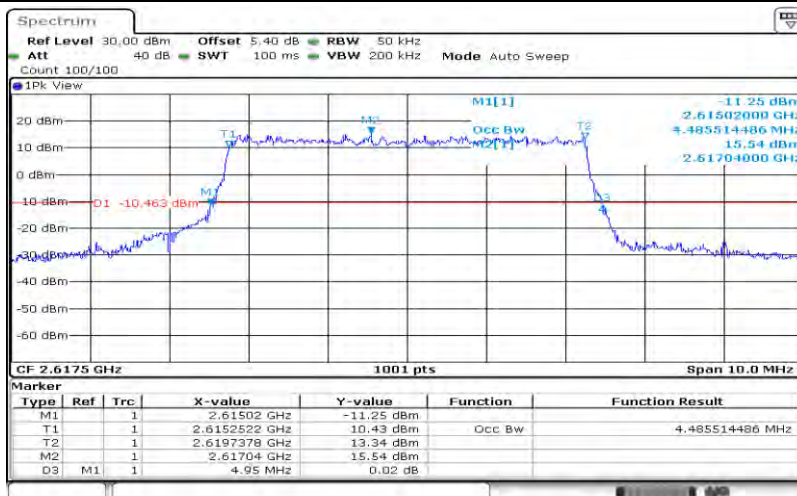


Date: 19.MAY.2020 01:21:17



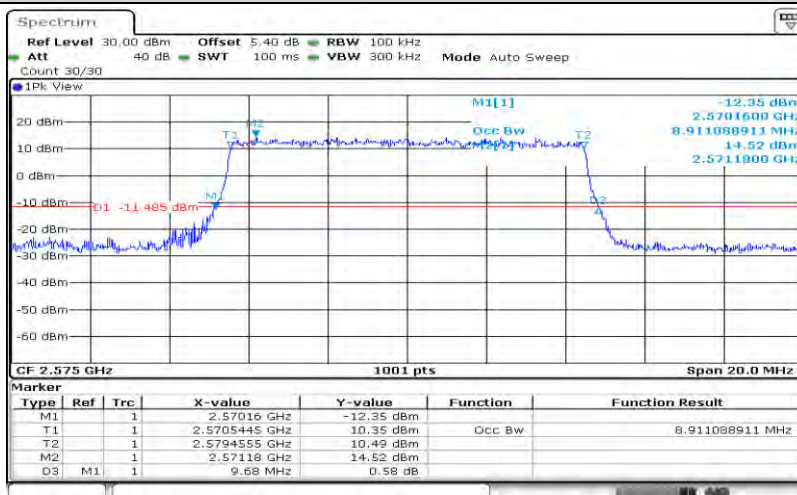


Band38-5MHz-16QAM-38225-25RB#0-4.486



Date: 19.MAY.2020 01:21:57

Band38-10MHz-QPSK-37800-50RB#0-8.911



Date: 19.MAY.2020 01:22:15



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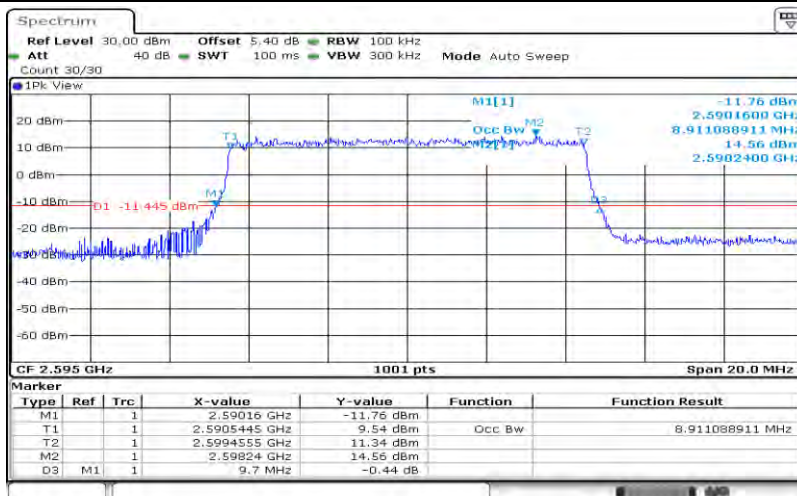
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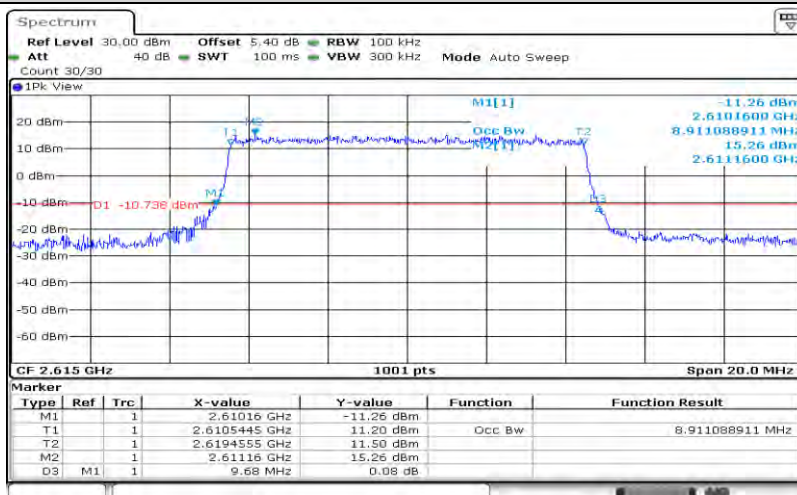


Band38-10MHz-QPSK-38000-50RB#0-8.911



Date: 19 MAY 2020 01:22:40

Band38-10MHz-QPSK-38200-50RB#0-8.911



Date: 19 MAY 2020 01:23:06

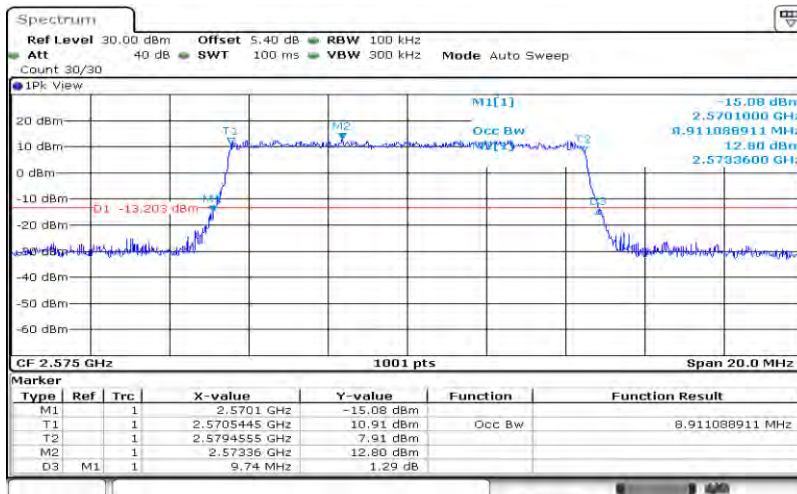


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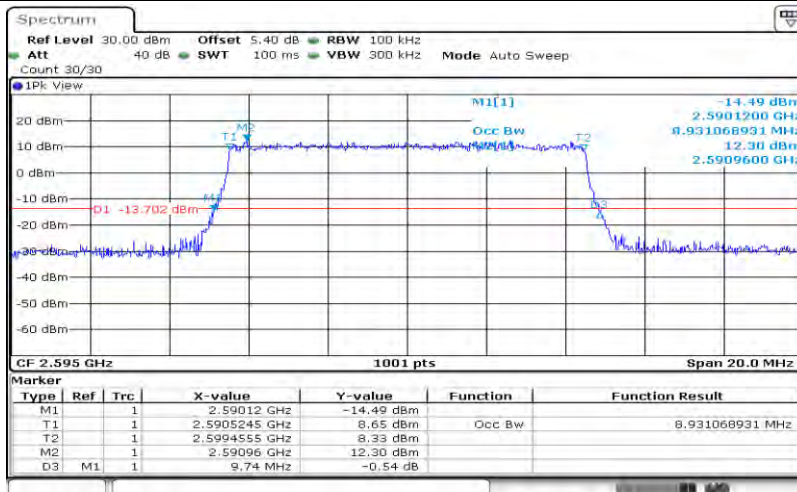


Band38-10MHz-64QAM-37800-50RB#0-8.911



Date: 22 MAY 2020 10:59:31

Band38-10MHz-64QAM-38000-50RB#0-8.931

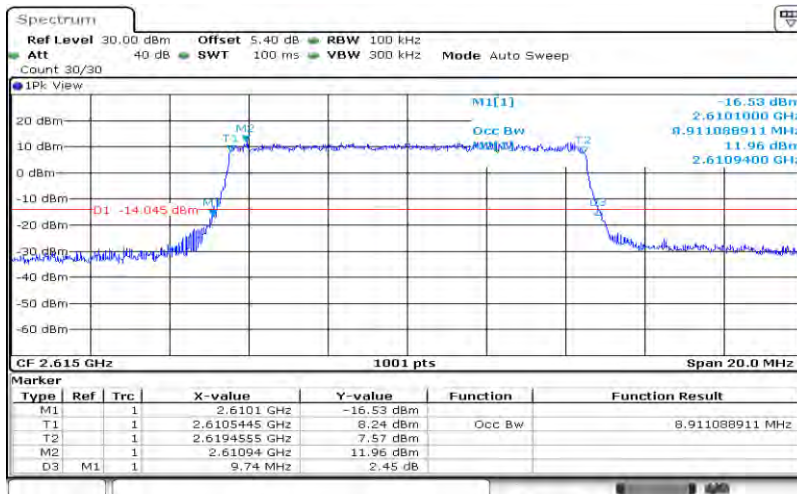


Date: 22 MAY 2020 10:59:44



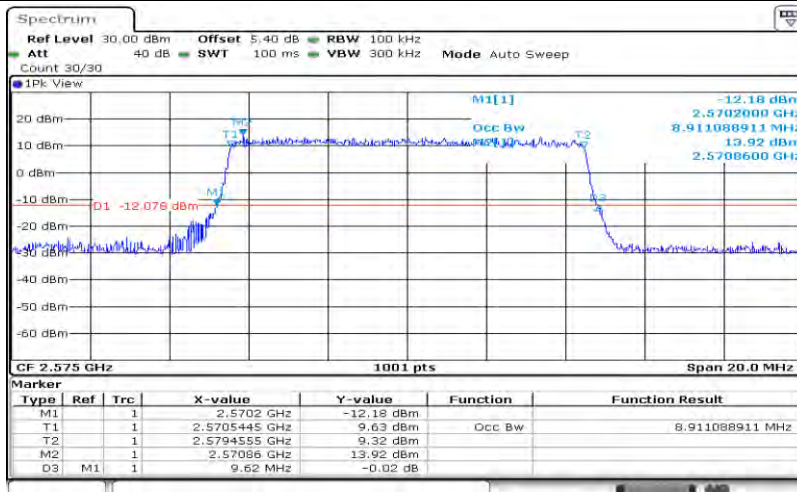


Band38-10MHz-64QAM-38200-50RB#0-8.911



Date: 22 MAY 2020 10:59:57

Band38-10MHz-16QAM-37800-50RB#0-8.911



Date: 19 MAY 2020 01:22:27

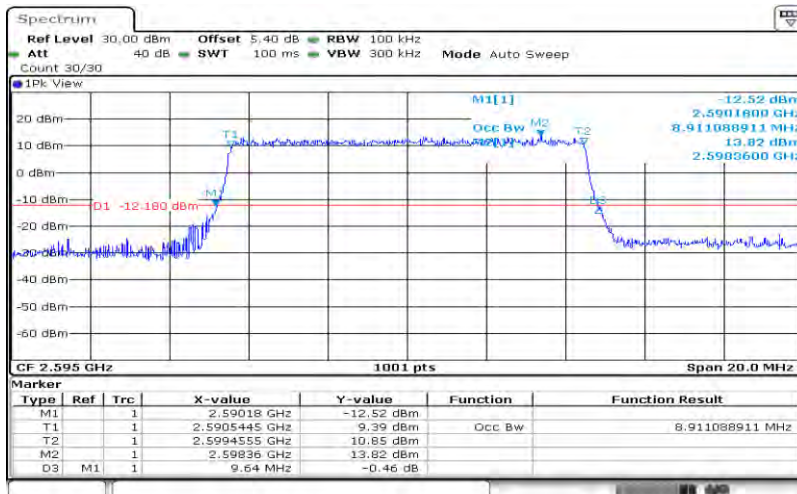


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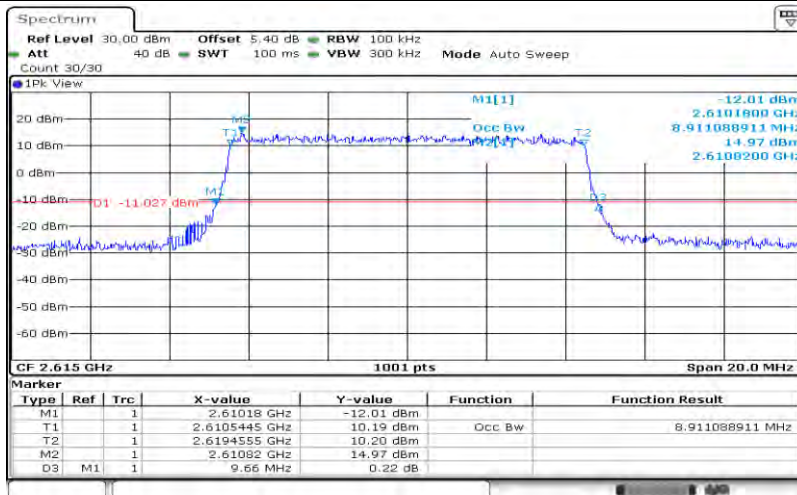
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Band38-10MHz-16QAM-38000-50RB#0-8.911

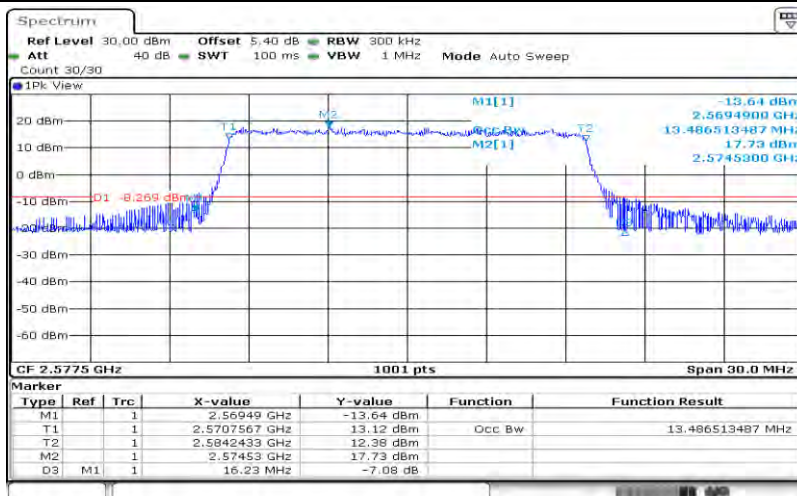


Band38-10MHz-16QAM-38200-50RB#0-8.911



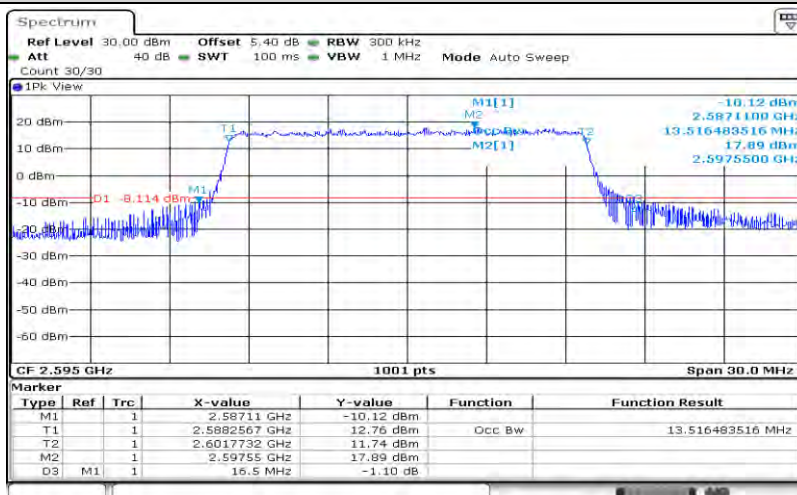


Band38-15MHz-QPSK-37825-75RB#0-13.487



Date: 19.MAY 2020 01:23:36

Band38-15MHz-QPSK-38000-75RB#0-13.516



Date: 19.MAY 2020 01:24:02

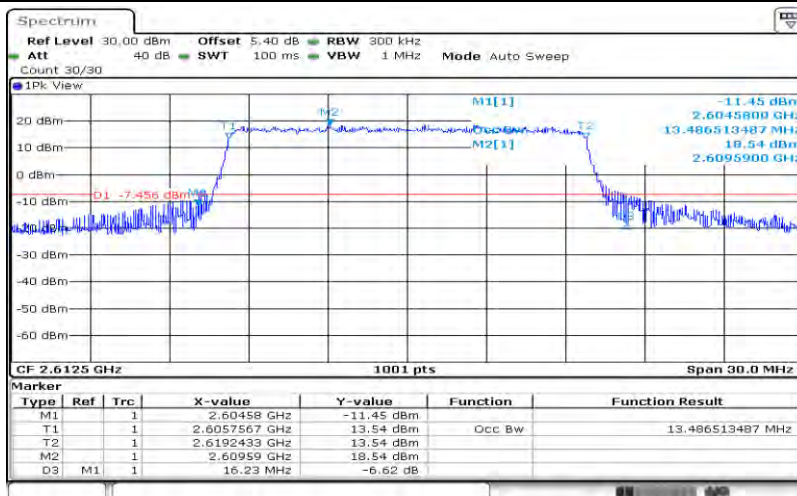


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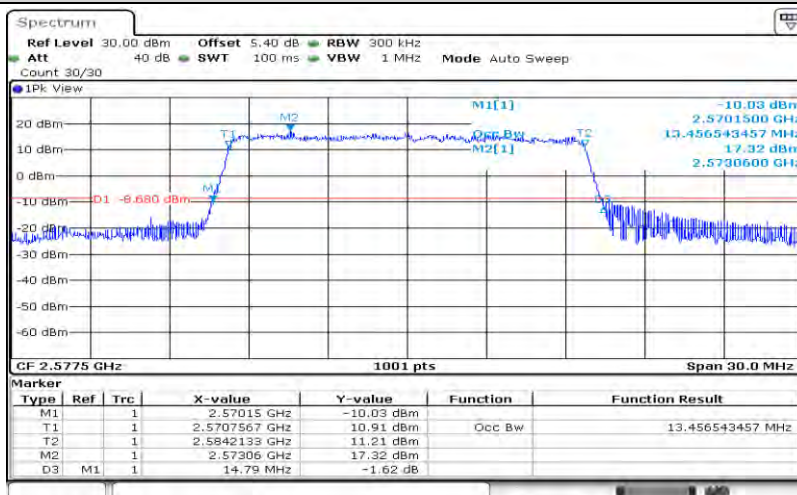


Band38-15MHz-QPSK-38175-75RB#0-13.487



Date: 19 MAY 2020 01:24:27

Band38-15MHz-64QAM-37825-75RB#0-13.457

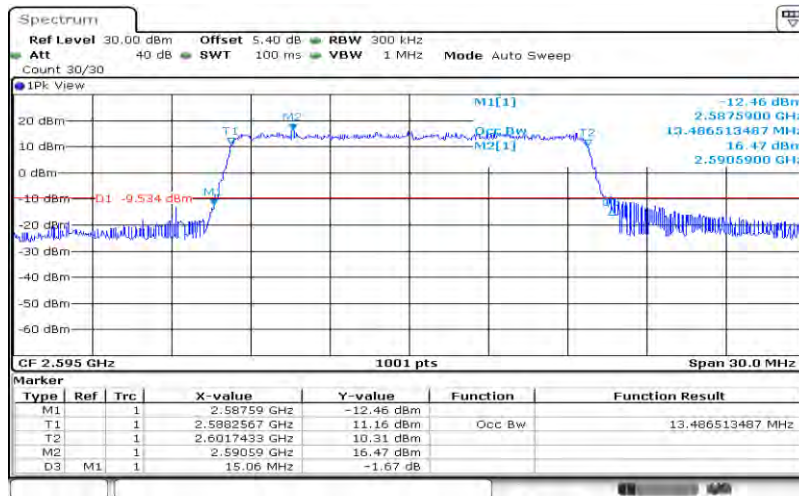


Date: 22 MAY 2020 11:00:15



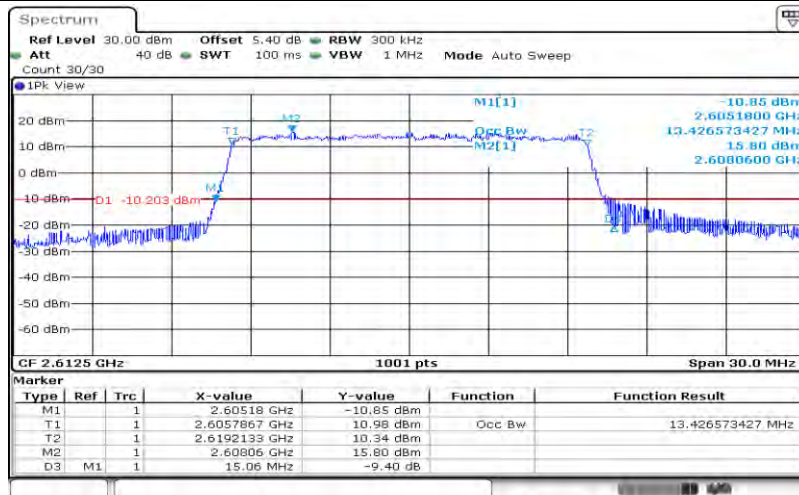


Band38-15MHz-64QAM-38000-75RB#0-13.487



Date: 22 MAY 2020 11:00:27

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Date: 22 MAY 2020 11:00:41

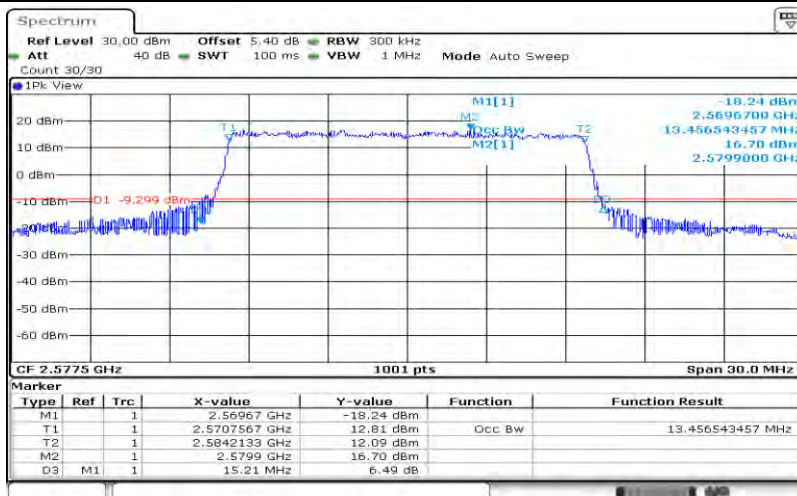


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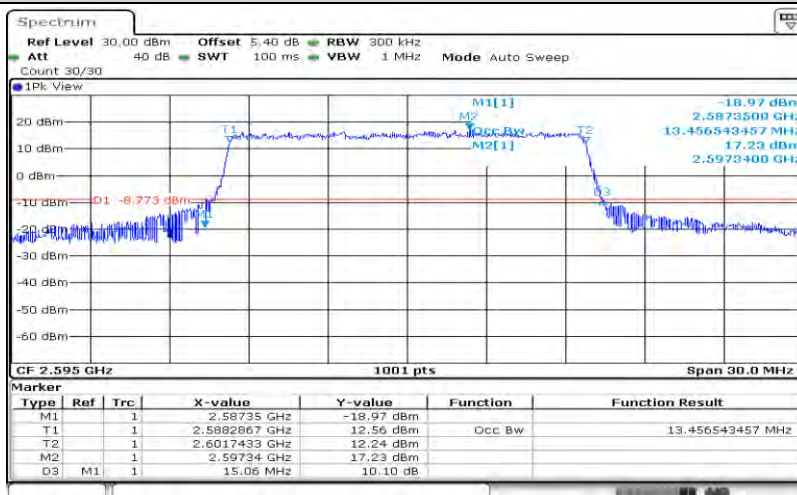


Band38-15MHz-16QAM-37825-75RB#0-13.457



Date: 19.MAY 2020 01:23:49

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Date: 19.MAY 2020 01:24:14

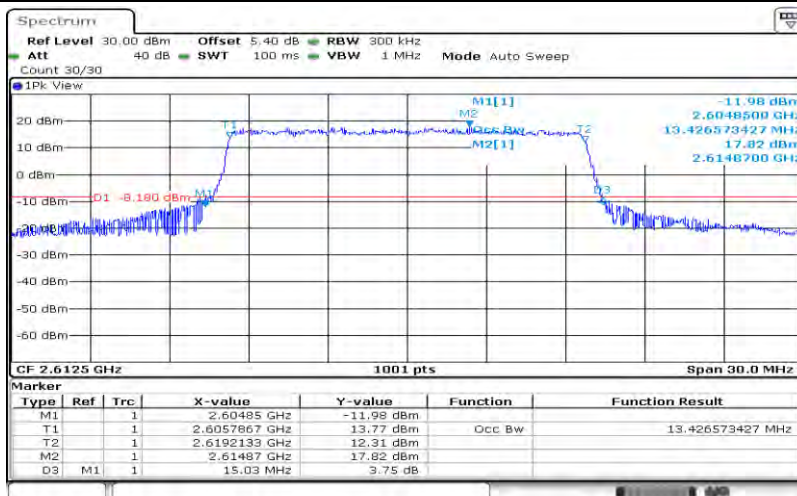


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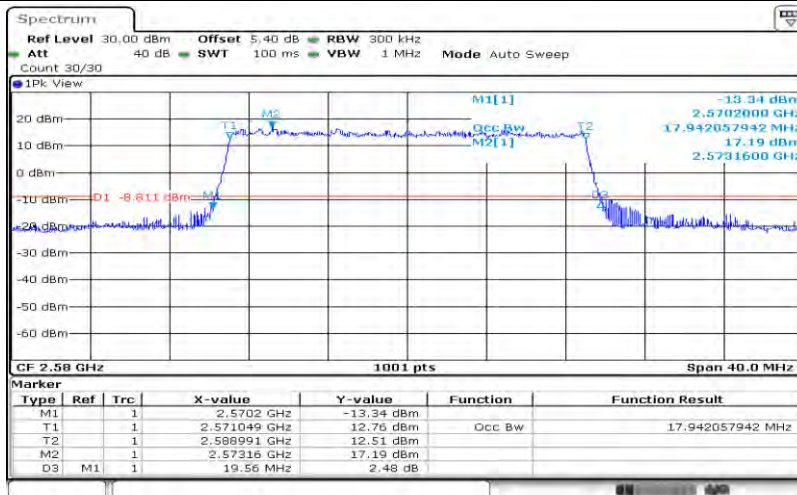


Band38-15MHz-16QAM-38175-75RB#0-13.427



Date: 19.MAY 2020 01:24:40

Band38-20MHz-QPSK-37850-100RB#0-17.942



Date: 19.MAY 2020 01:24:57



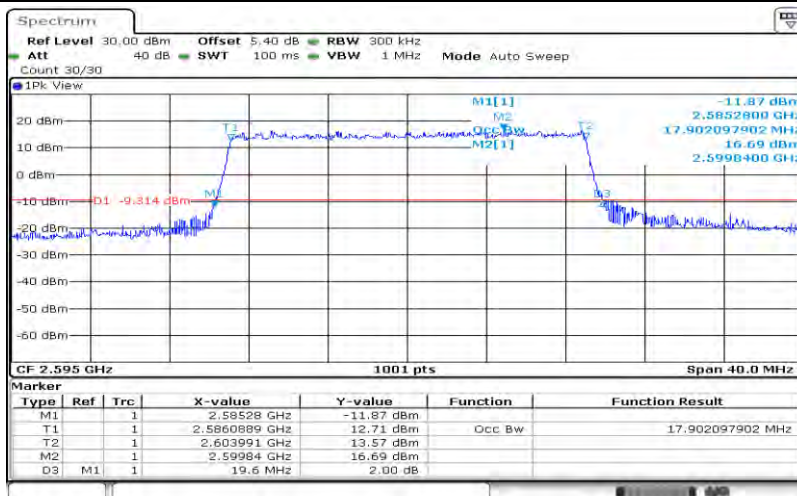
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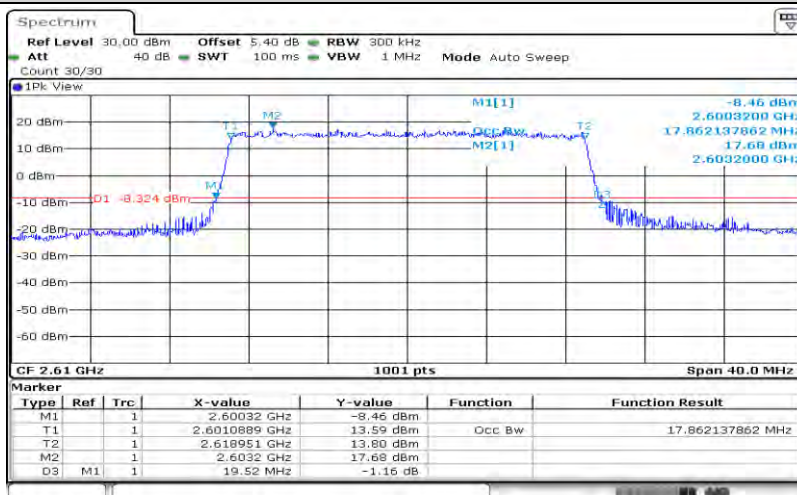


Band38-20MHz-QPSK-38000-100RB#0-17.902



Date: 19.MAY 2020 01:25:23

Band38-20MHz-QPSK-38150-100RB#0-17.862



Date: 19.MAY 2020 01:25:49



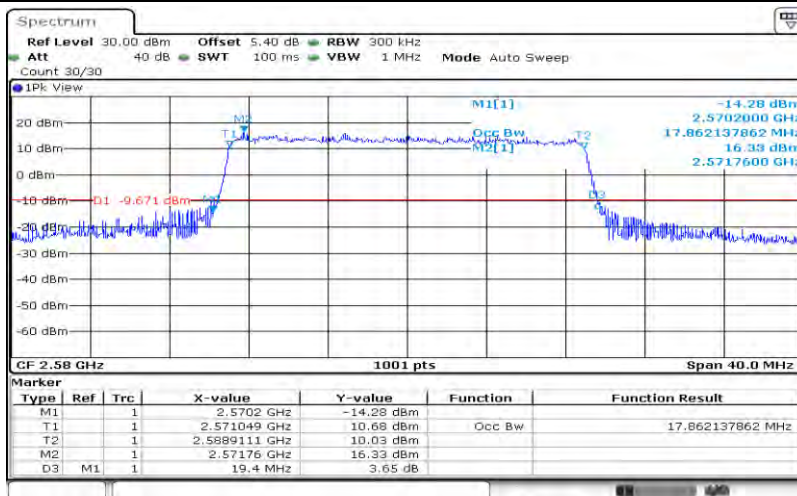
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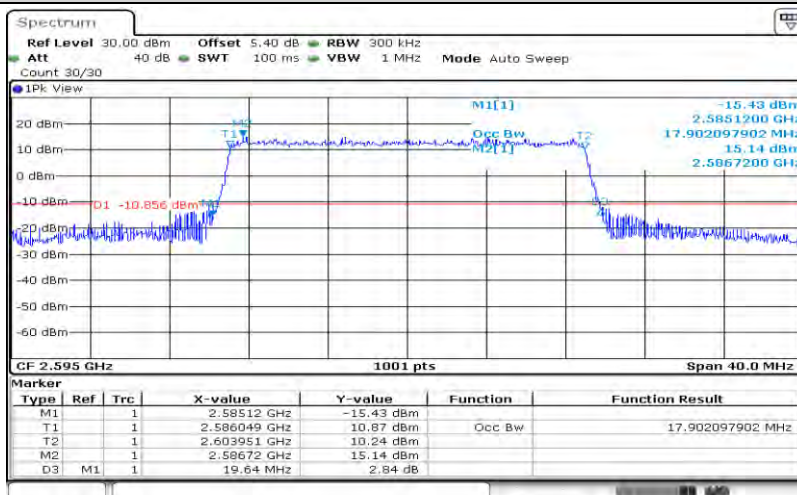


Band38-20MHz-64QAM-37850-100RB#0-17.862



Date: 22 MAY 2020 11:01:04

Band38-20MHz-64QAM-38000-100RB#0-17.902



Date: 22 MAY 2020 11:01:17

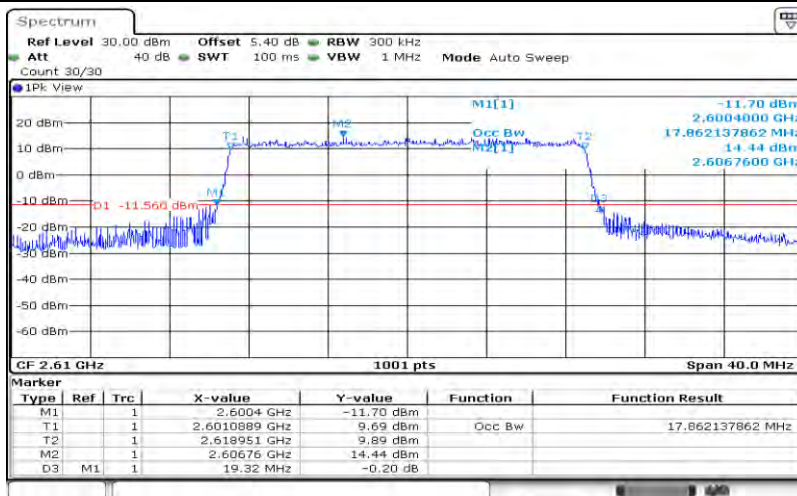


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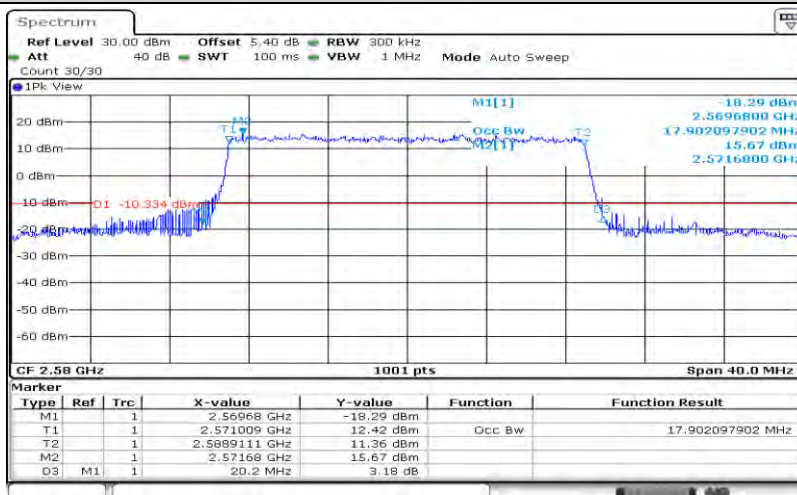
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Band38-20MHz-64QAM-38150-100RB#0-17.862



Band38-20MHz-16QAM-37850-100RB#0-17.902



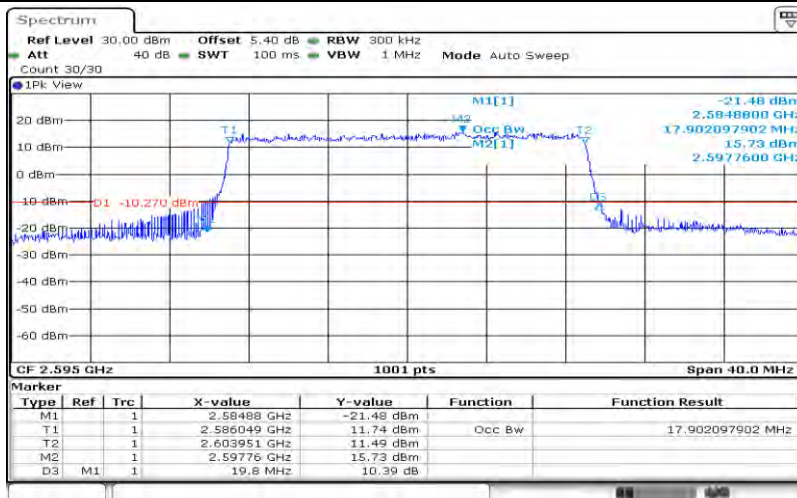
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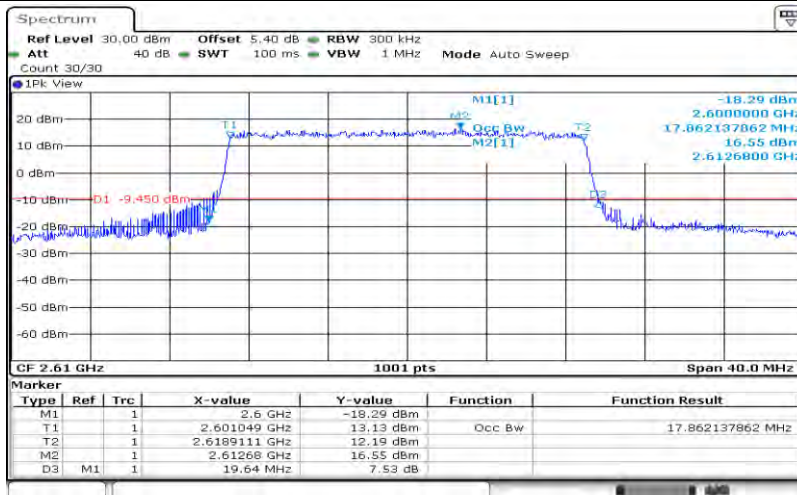


Band38-20MHz-16QAM-38000-100RB#0-17.902



Date: 19 MAY 2020 01:25:36

Band38-20MHz-16QAM-38150-100RB#0-17.862



Date: 19 MAY 2020 01:26:01

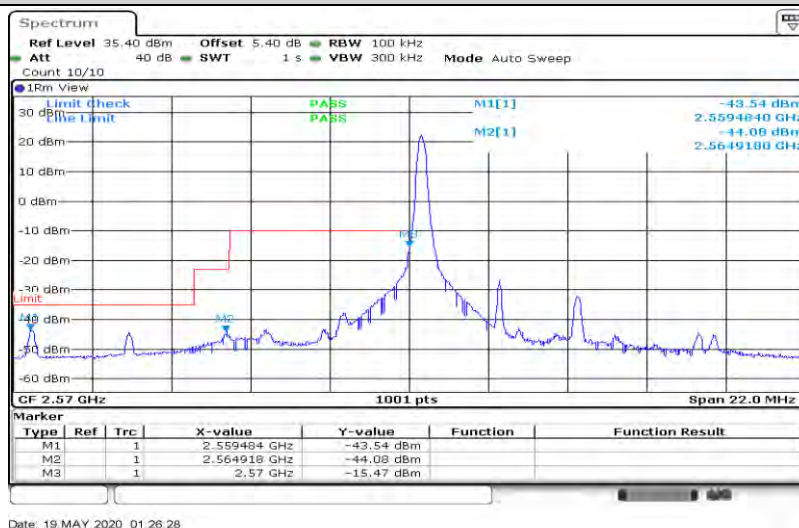




5. Band Edge Compliance

5.1. Test Plots

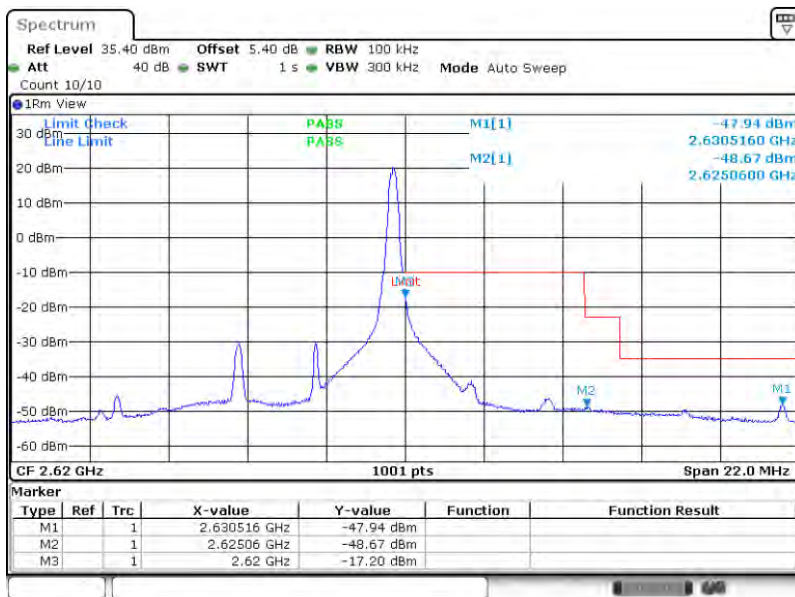
Band38-5MHz-QPSK-37775-1RB#0



Band38-5MHz-QPSK-37775-25RB#0

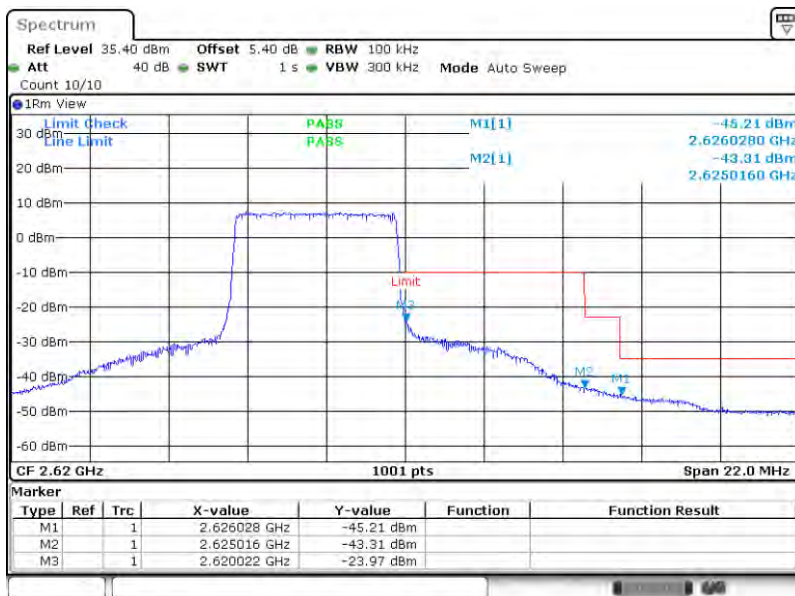


Band38-5MHz-QPSK-38225-1RB#24



Date: 27 MAY. 2020 10:19:01

Band38-5MHz-QPSK-38225-25RB#0



Date: 27 MAY. 2020 07:12:32



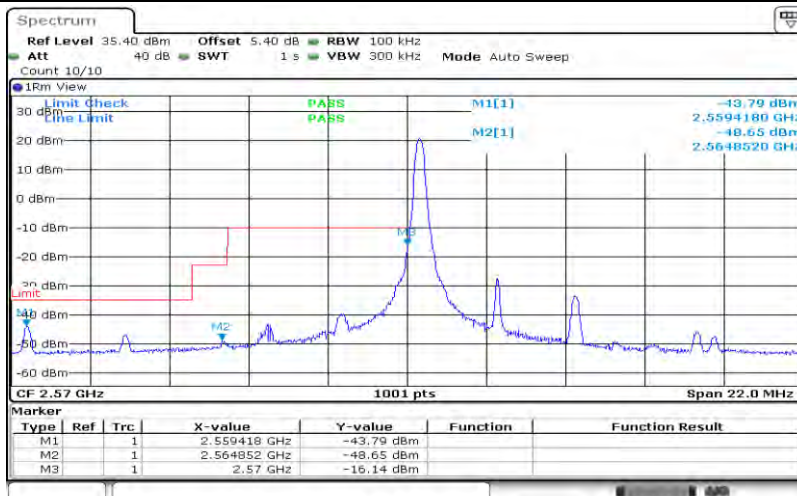
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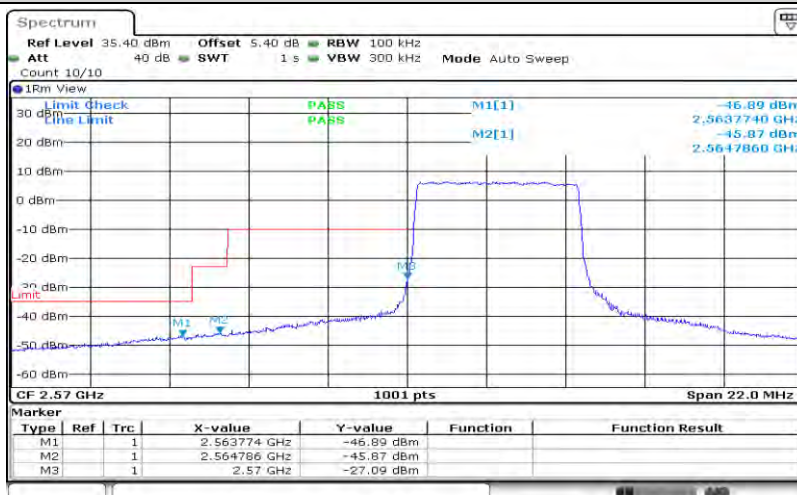


Band38-5MHz-64QAM-37775-1RB#0



Date: 22 MAY 2020 11:01:57

Band38-5MHz-64QAM-37775-25RB#0



Date: 22 MAY 2020 11:06:18

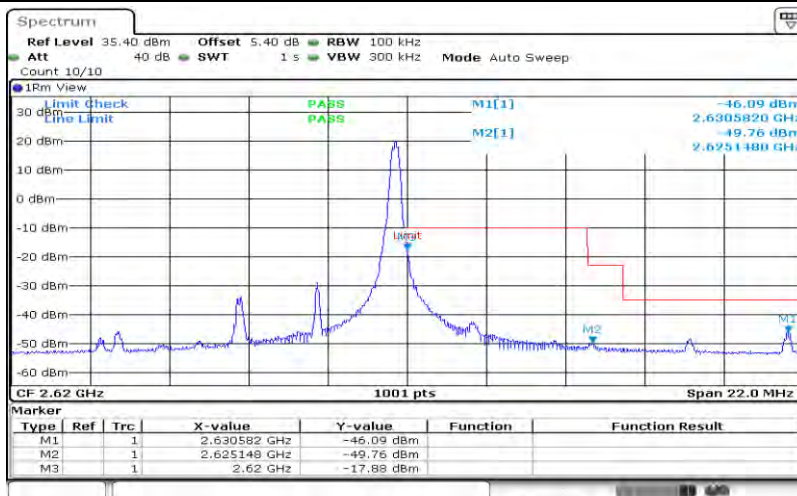


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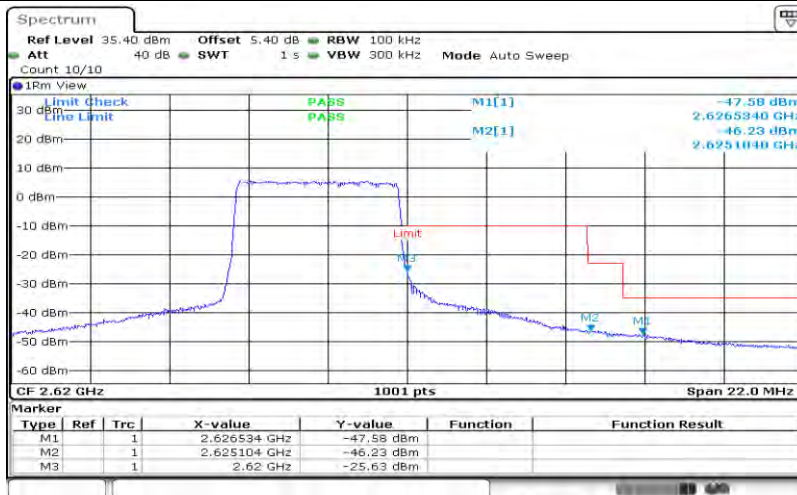
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Band38-5MHz-64QAM-38225-1RB#24

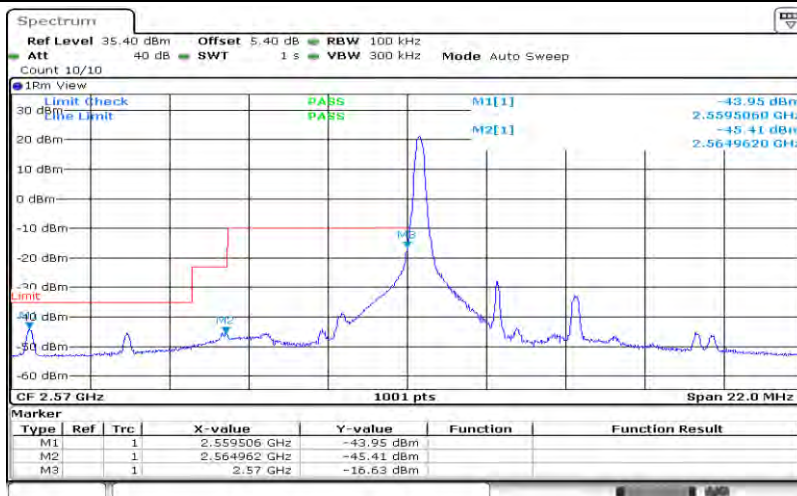


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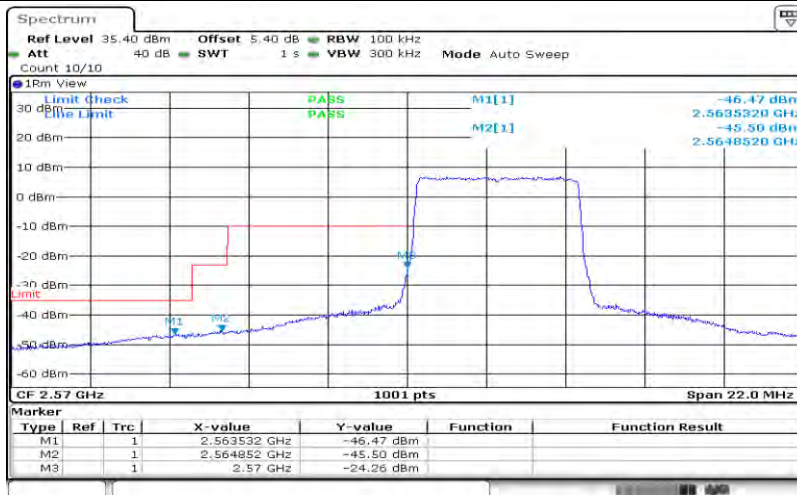




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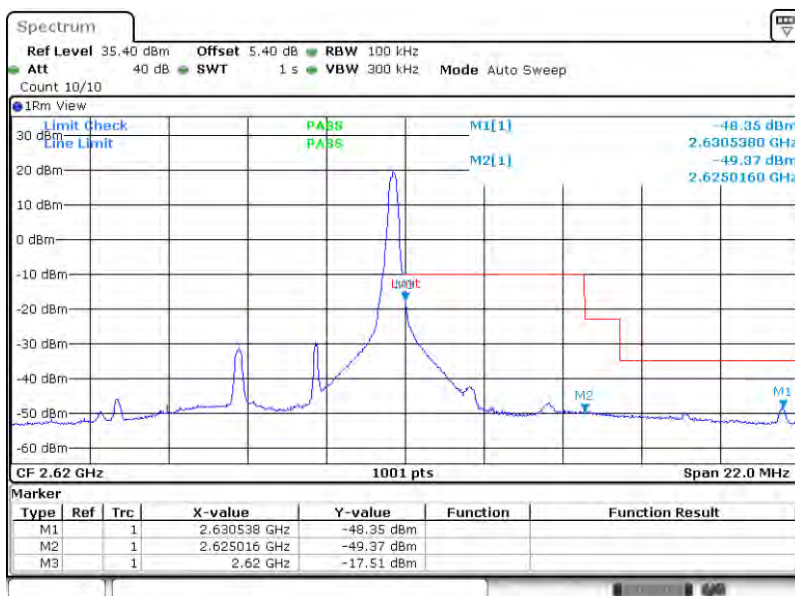


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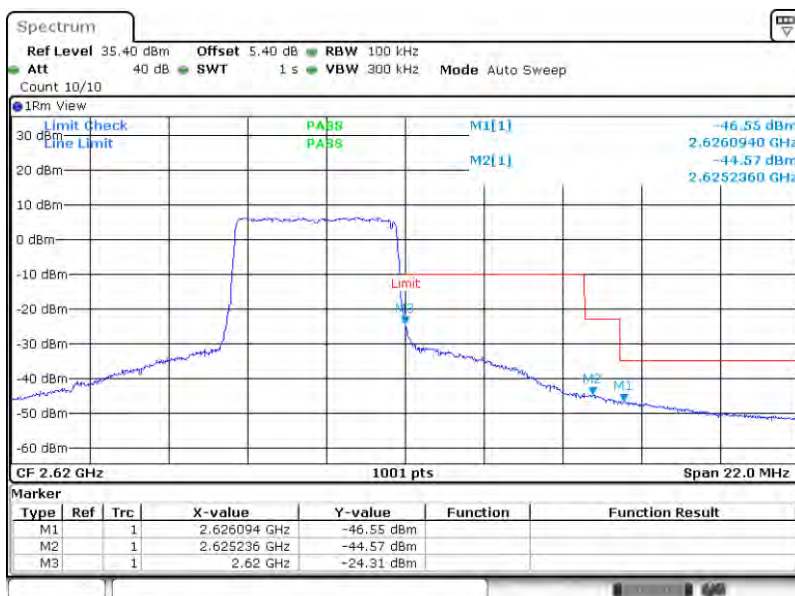


Band38-5MHz-16QAM-38225-1RB#24



Date: 27 MAY 2020 10:20:03

Band38-5MHz-16QAM-38225-25RB#0



Date: 27 MAY 2020 07:13:22

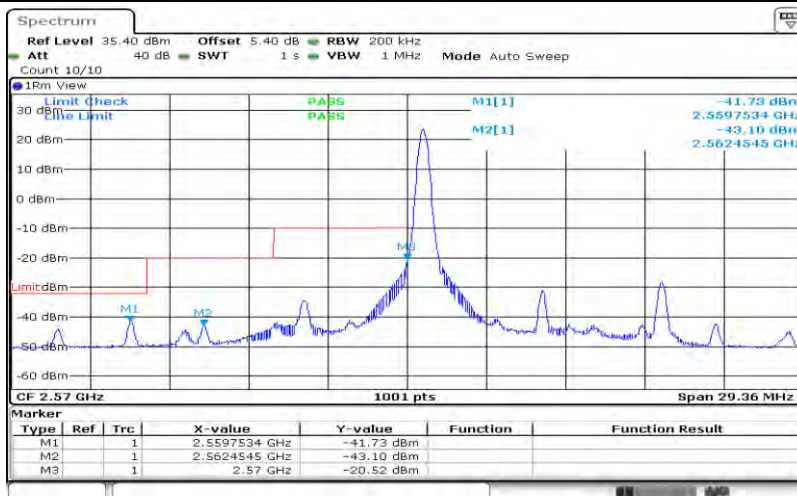


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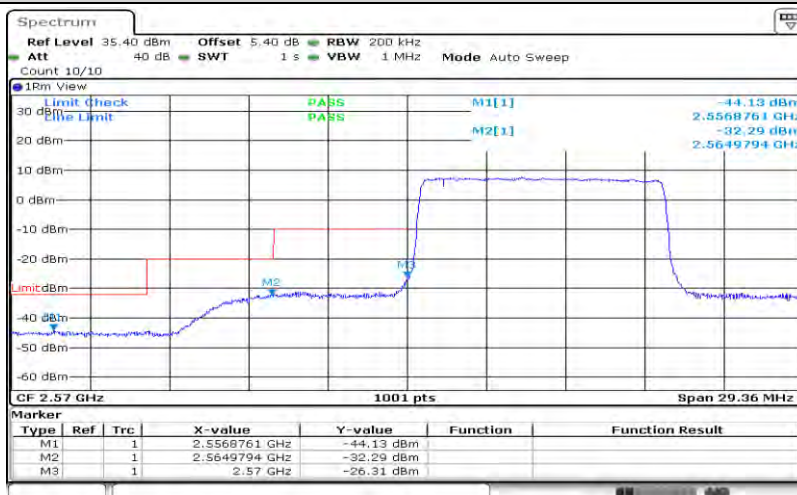
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Band38-10MHz-QPSK-37800-1RB#0



Band38-10MHz-QPSK-37800-50RB#0

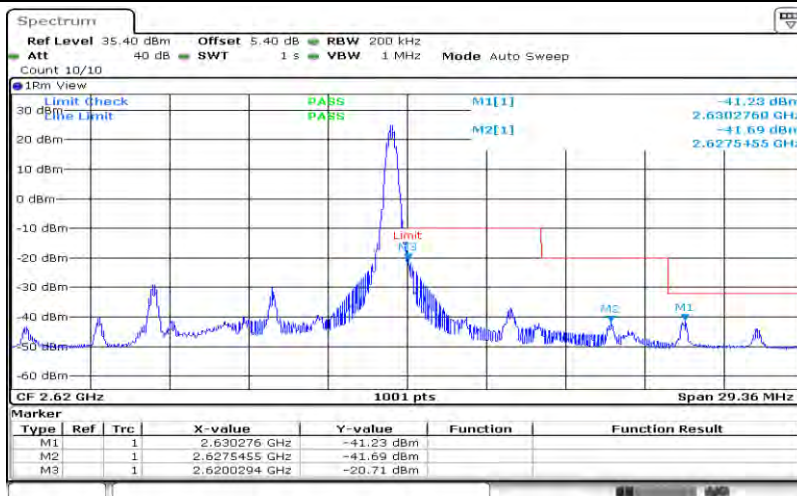


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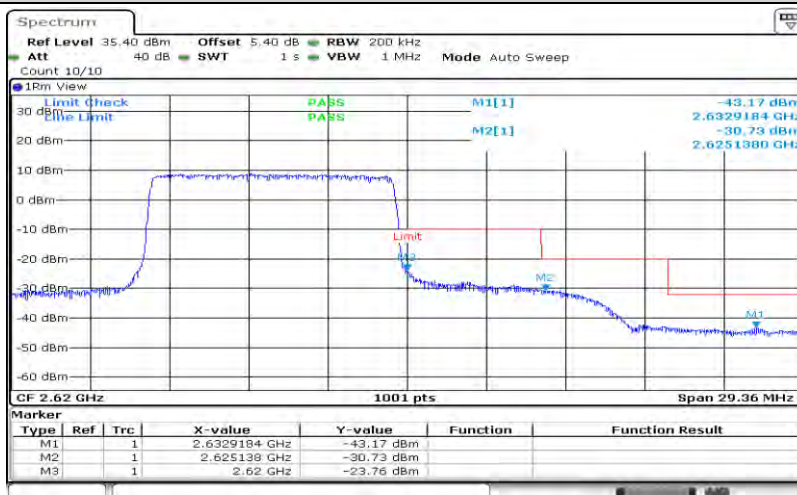


Band38-10MHz-QPSK-38200-1RB#49



Date: 19.MAY.2020 01:30:22

Band38-10MHz-QPSK-38200-50RB#0



Date: 19.MAY.2020 01:31:53

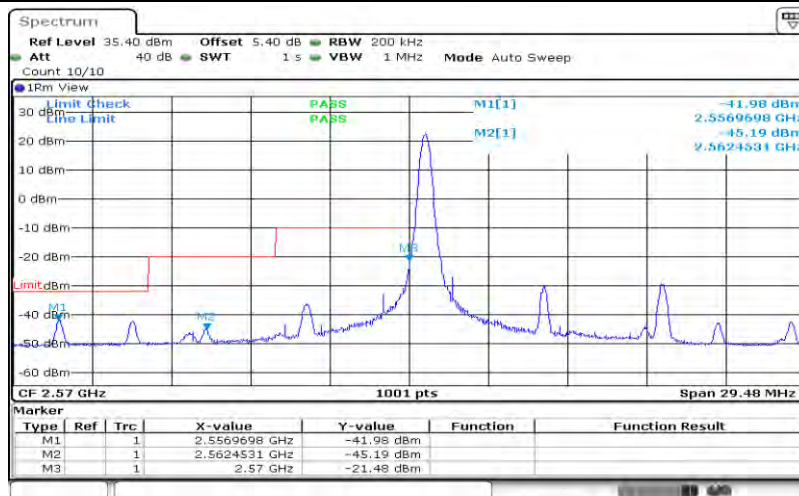


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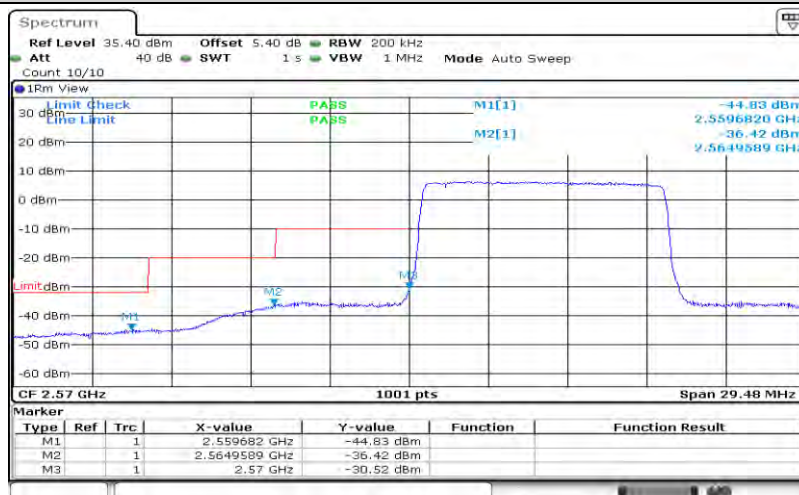


Band38-10MHz-64QAM-37800-1RB#0



Date: 22 MAY 2020 11:07:36

Band38-10MHz-64QAM-37800-50RB#0



Date: 22 MAY 2020 11:08:35

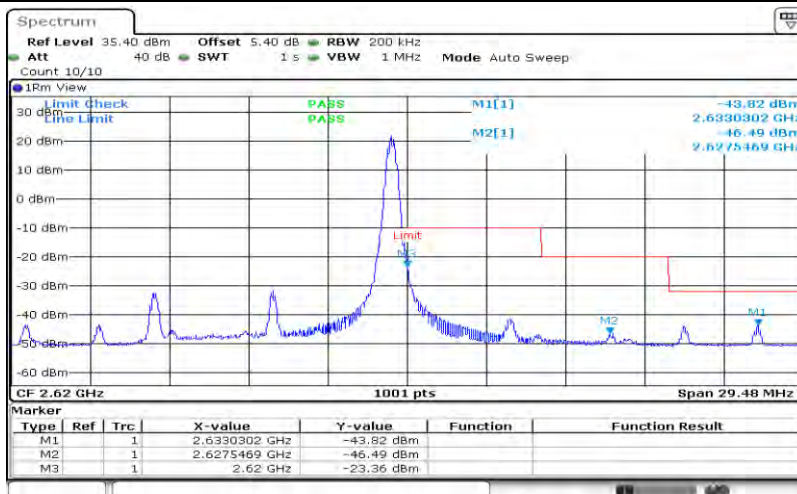


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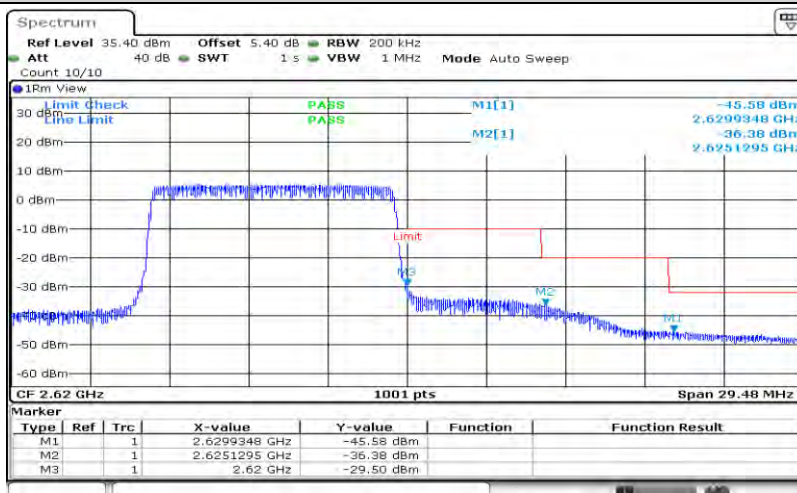


Band38-10MHz-64QAM-38200-1RB#49



Date: 22 MAY 2020 11:08:09

Band38-10MHz-64QAM-38200-50RB#0



Date: 22 MAY 2020 11:08:57



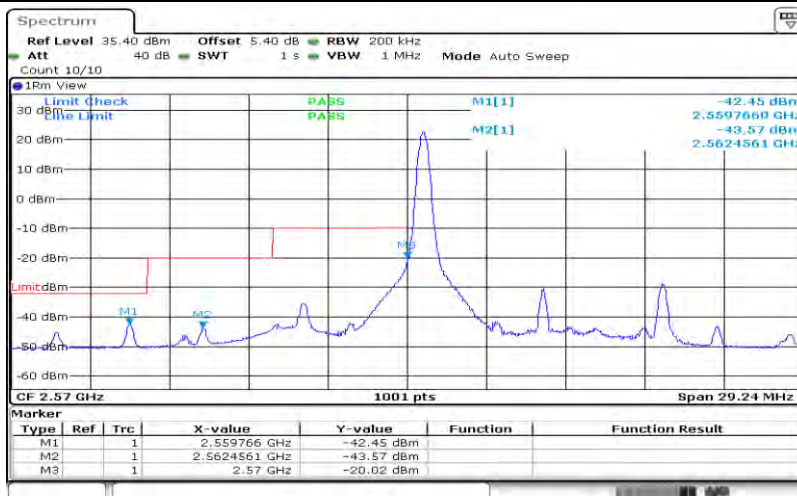
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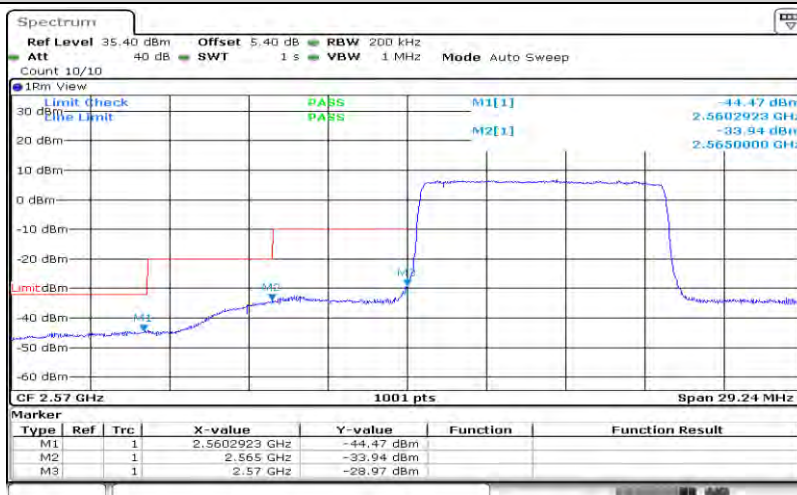
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Band38-10MHz-16QAM-37800-1RB#0



Band38-10MHz-16QAM-37800-50RB#0

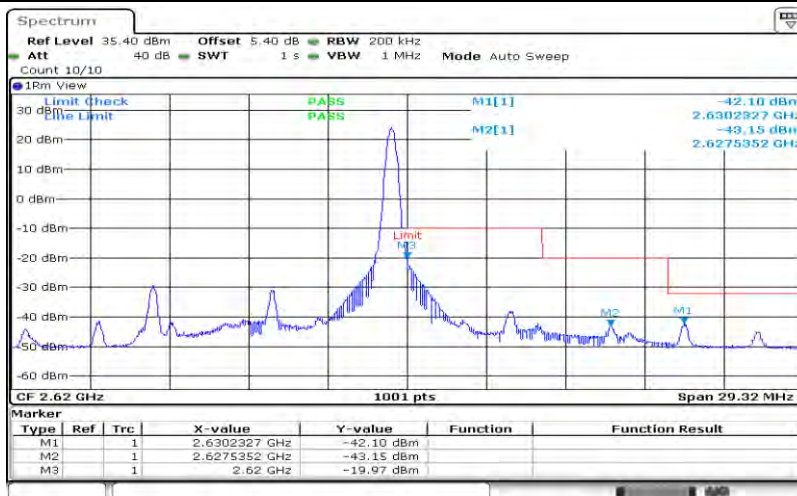


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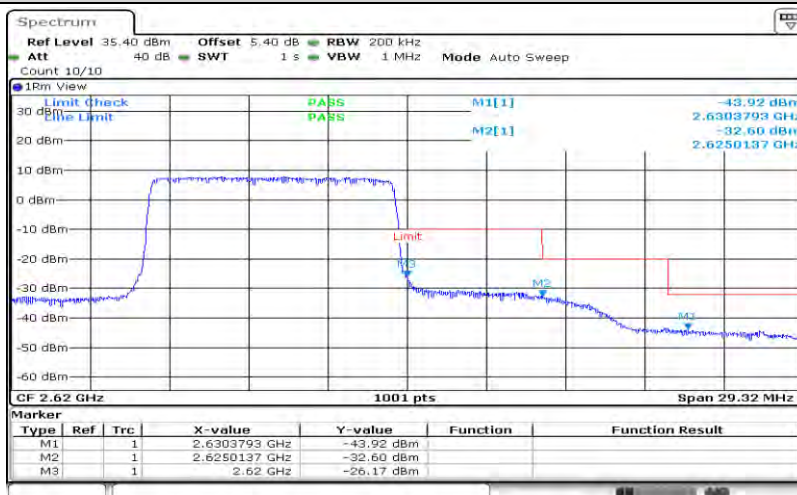


Band38-10MHz-16QAM-38200-1RB#49



Date: 19.MAY.2020 01:30:44

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Date: 19.MAY.2020 01:32:15



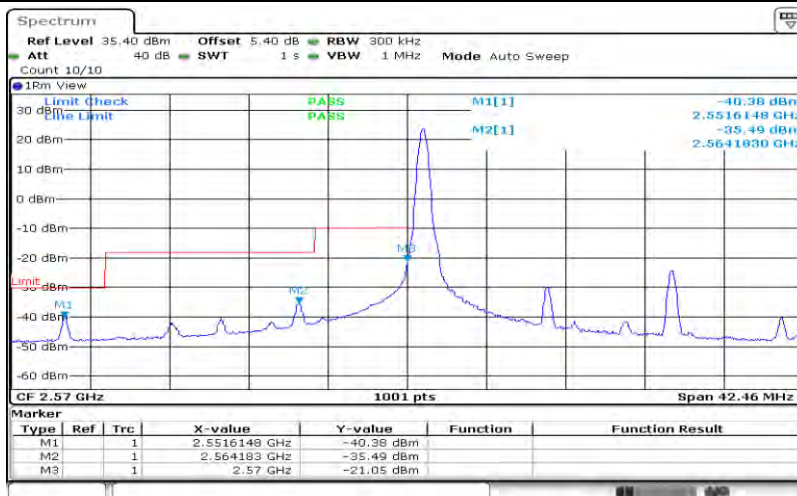
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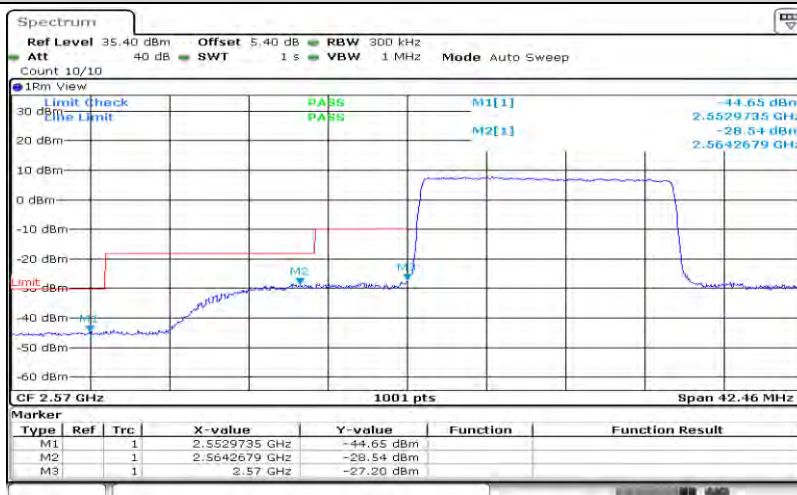


Band38-15MHz-QPSK-37825-1RB#0



Date: 19.MAY.2020 01:32:41

Band38-15MHz-QPSK-37825-75RB#0



Date: 19.MAY.2020 01:34:16

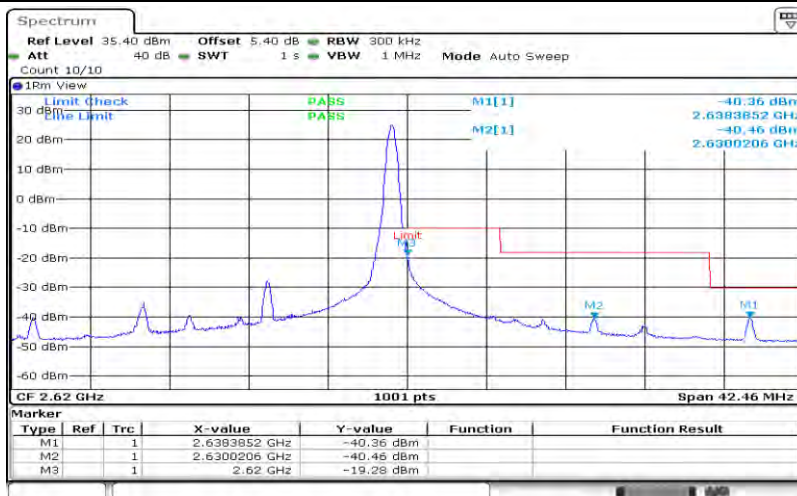


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Band38-15MHz-QPSK-38175-1RB#74



Date: 19.MAY.2020 01:33:29

Band38-15MHz-QPSK-38175-75RB#0



Date: 19.MAY.2020 01:35:00

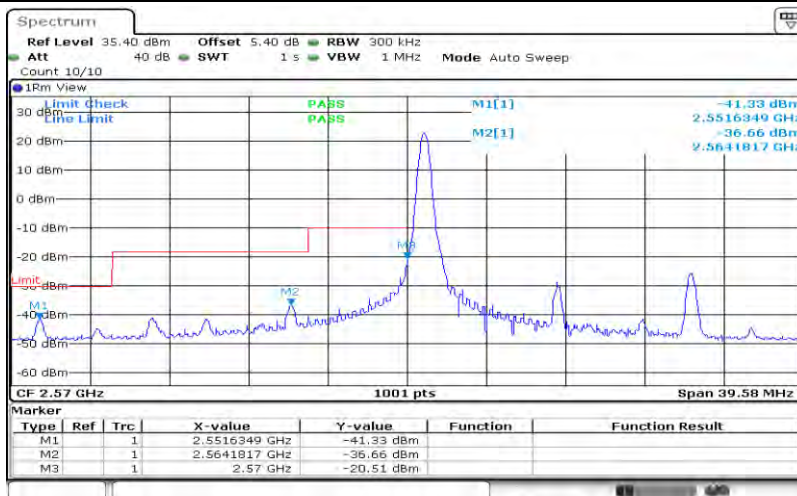


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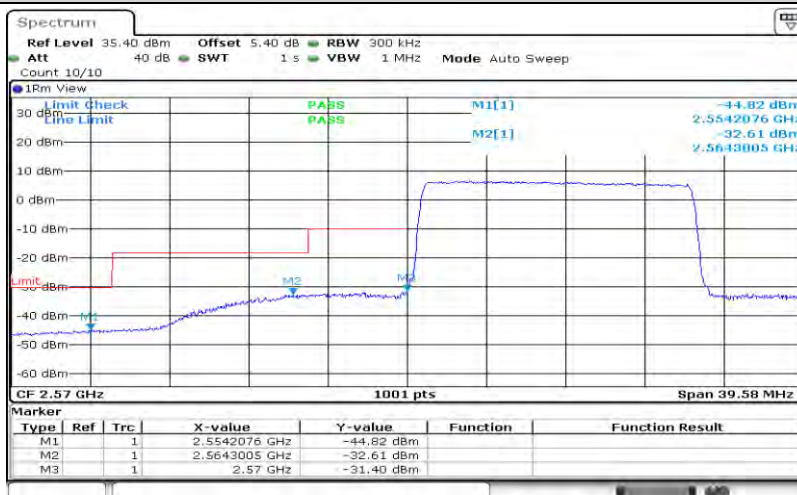


Band38-15MHz-64QAM-37825-1RB#0



Date: 22 MAY 2020 11:09:23

Band38-15MHz-64QAM-37825-75RB#0



Date: 22 MAY 2020 11:10:16

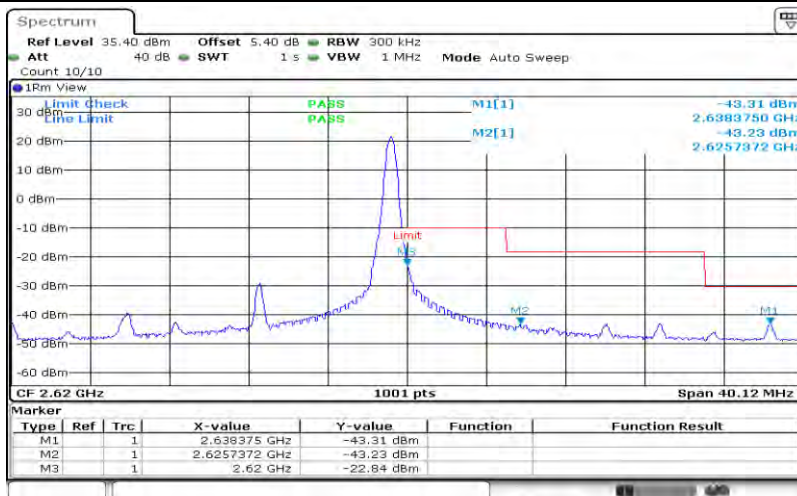


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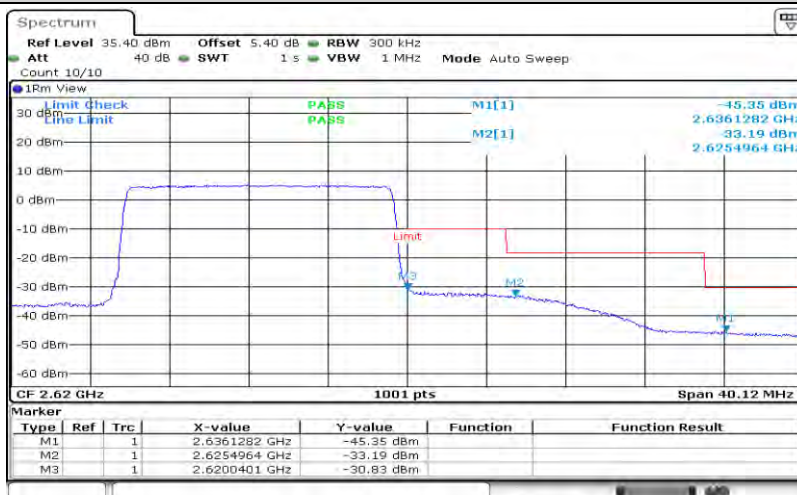


Band38-15MHz-64QAM-38175-1RB#74



Date: 22 MAY 2020 11:09:49

Band38-15MHz-64QAM-38175-75RB#0



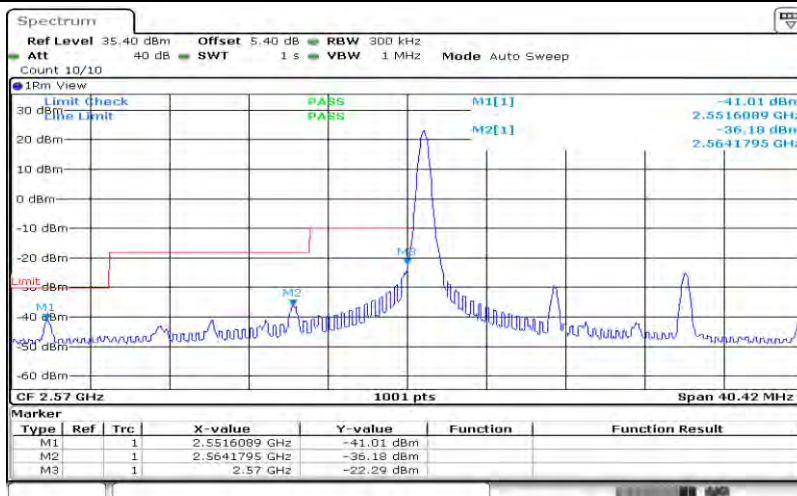
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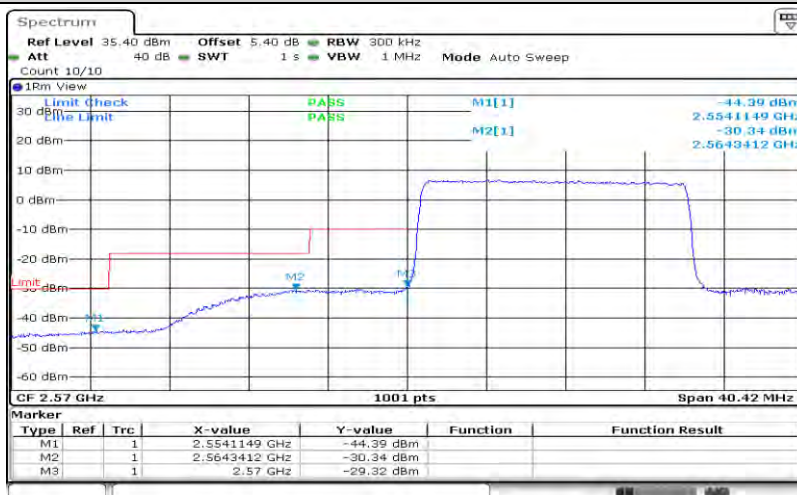
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Band38-15MHz-16QAM-37825-1RB#0



Date: 19 MAY 2020 01:33:03

Band38-15MHz-16QAM-37825-75RB#0



Date: 19.MAY.2020 01:34:38



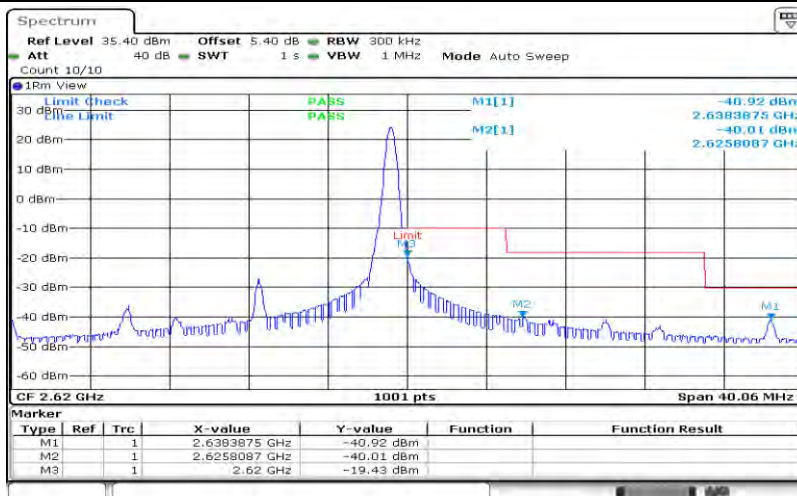
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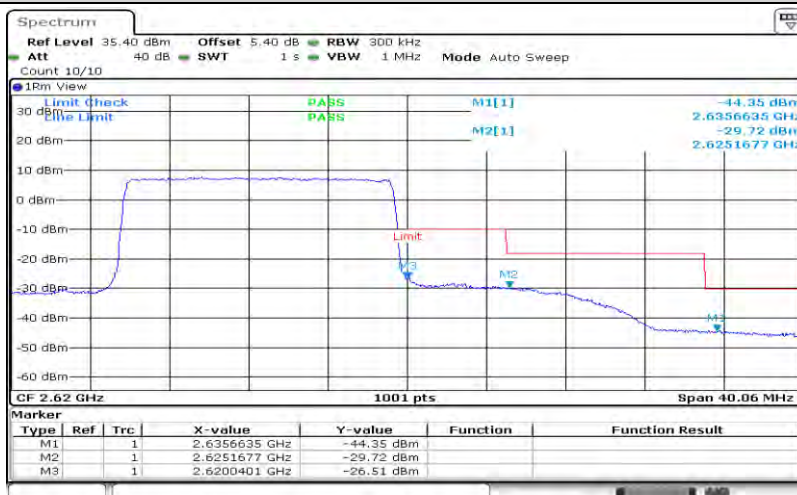


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Date: 19.MAY.2020 01:33:50

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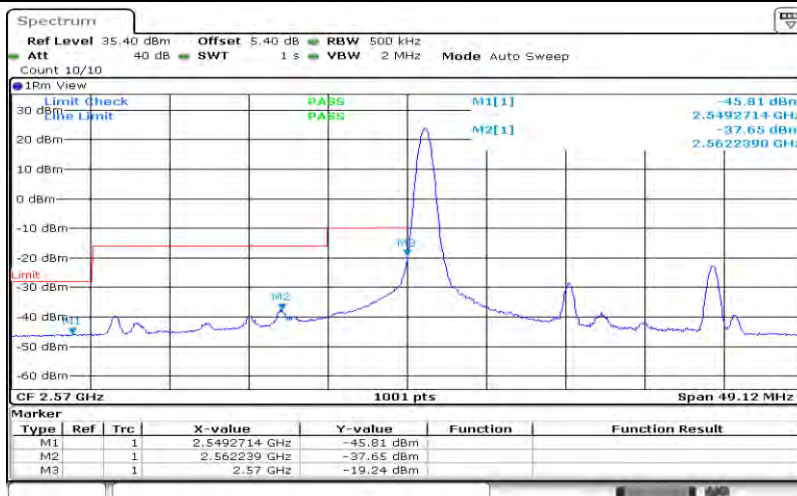


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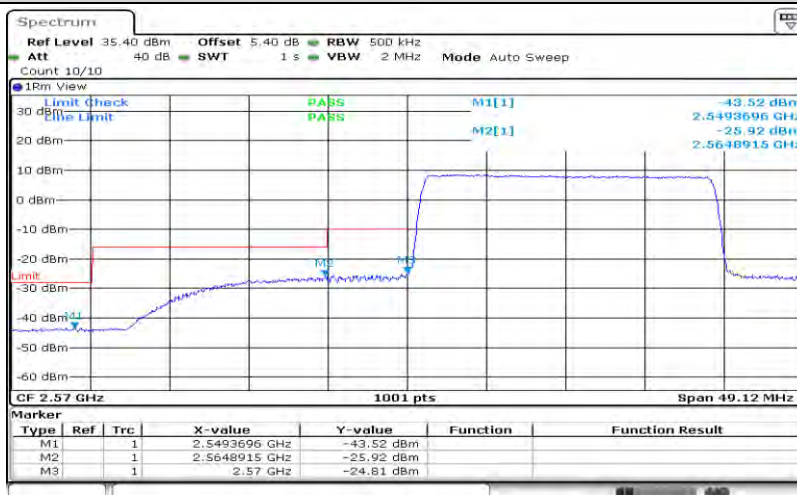


Band38-20MHz-QPSK-37850-1RB#0



Date: 19.MAY.2020 01:35:49

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Date: 19.MAY.2020 01:37:24



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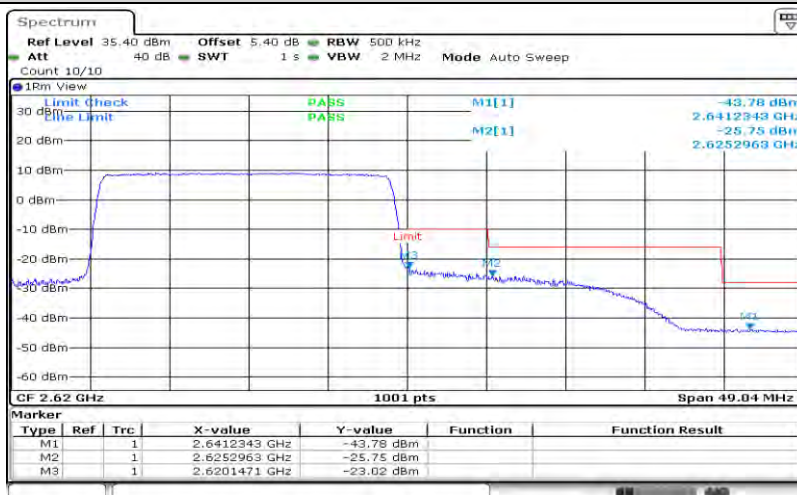


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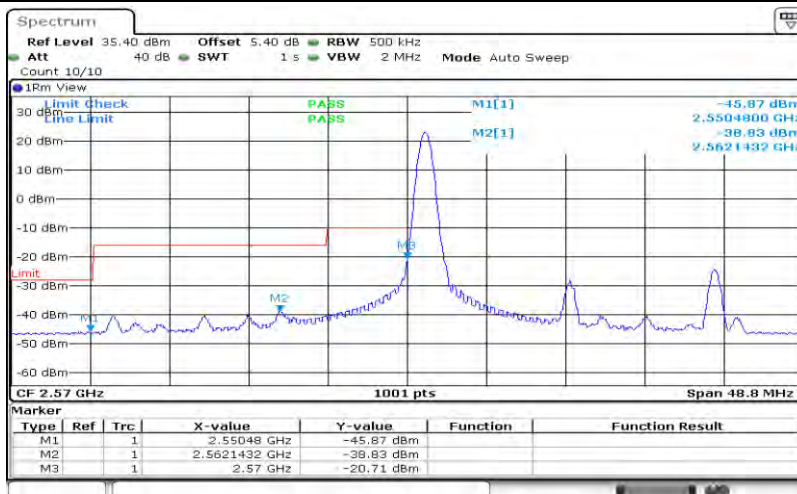


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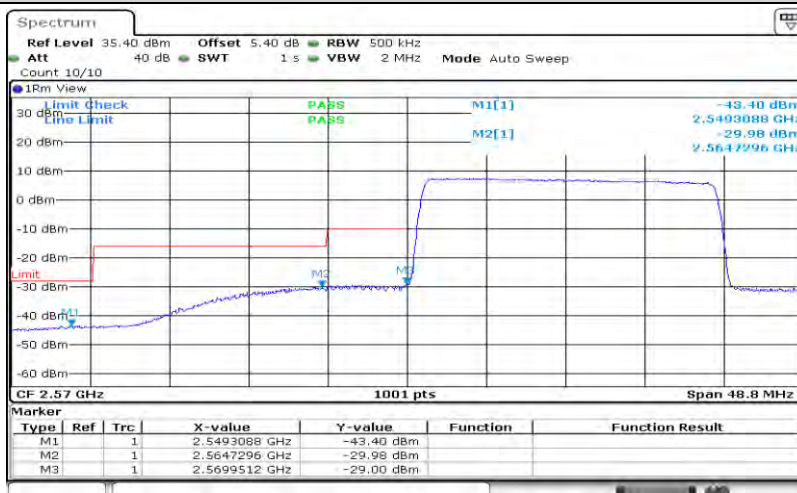


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Date: 22 MAY 2020 11:11:04

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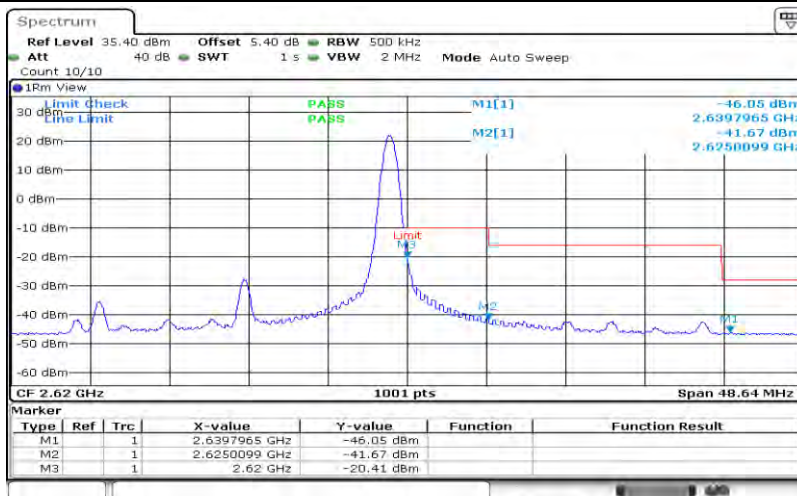


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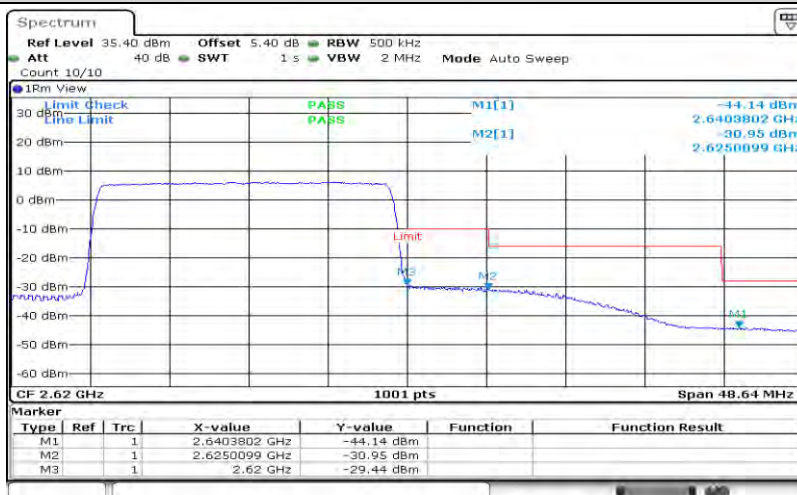


Band38-20MHz-64QAM-38150-1RB#99



Date: 22 MAY 2020 11:11:31

Band38-20MHz-64QAM-38150-100RB#0



Date: 22 MAY 2020 11:12:19



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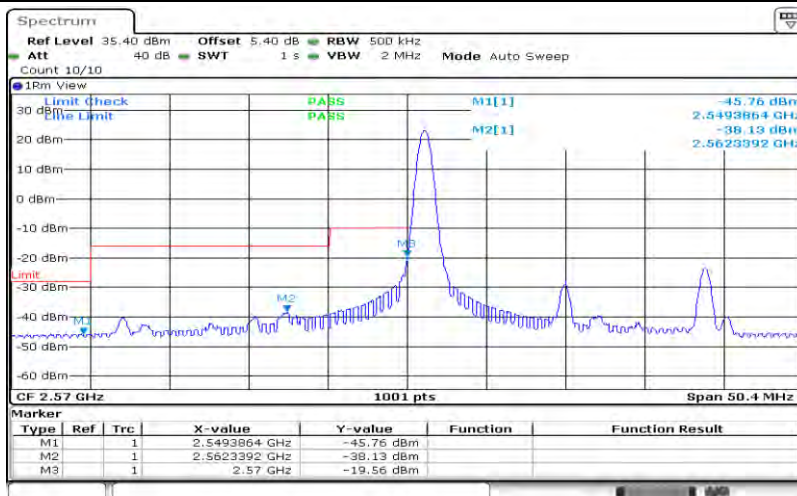
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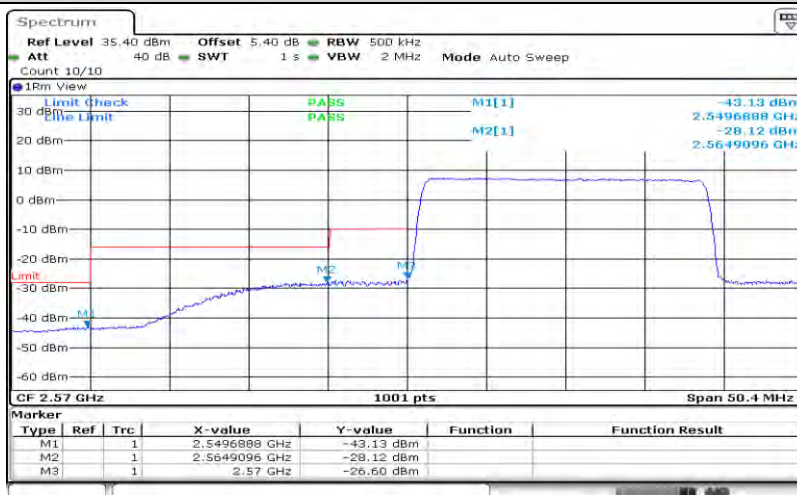
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Band38-20MHz-16QAM-37850-1RB#0



Band38-20MHz-16QAM-37850-100RB#0

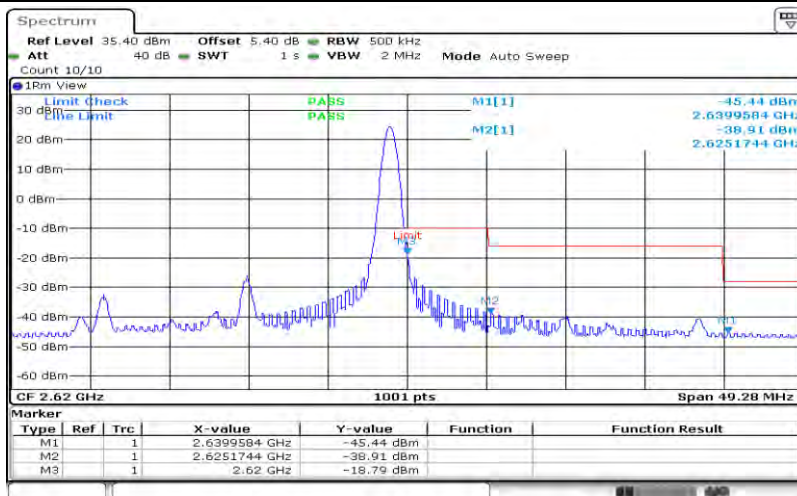


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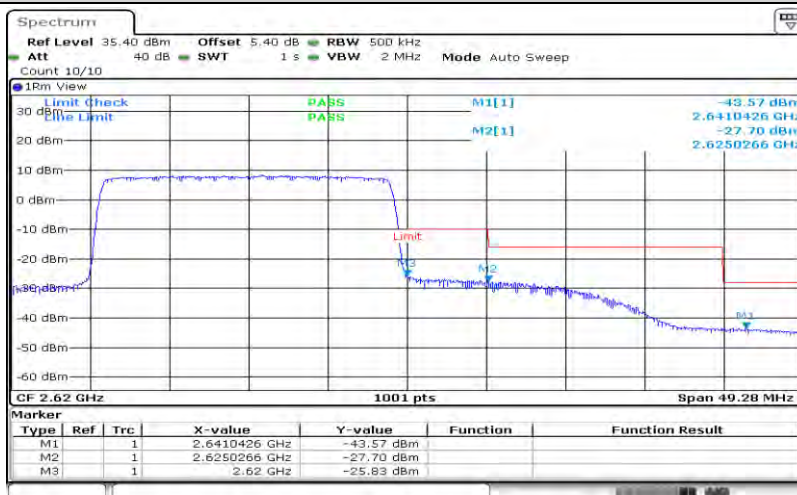


Band38-20MHz-16QAM-38150-1RB#99



Date: 19.MAY.2020 01:36:58

Band38-20MHz-16QAM-38150-100RB#0



Date: 19.MAY.2020 01:38:30



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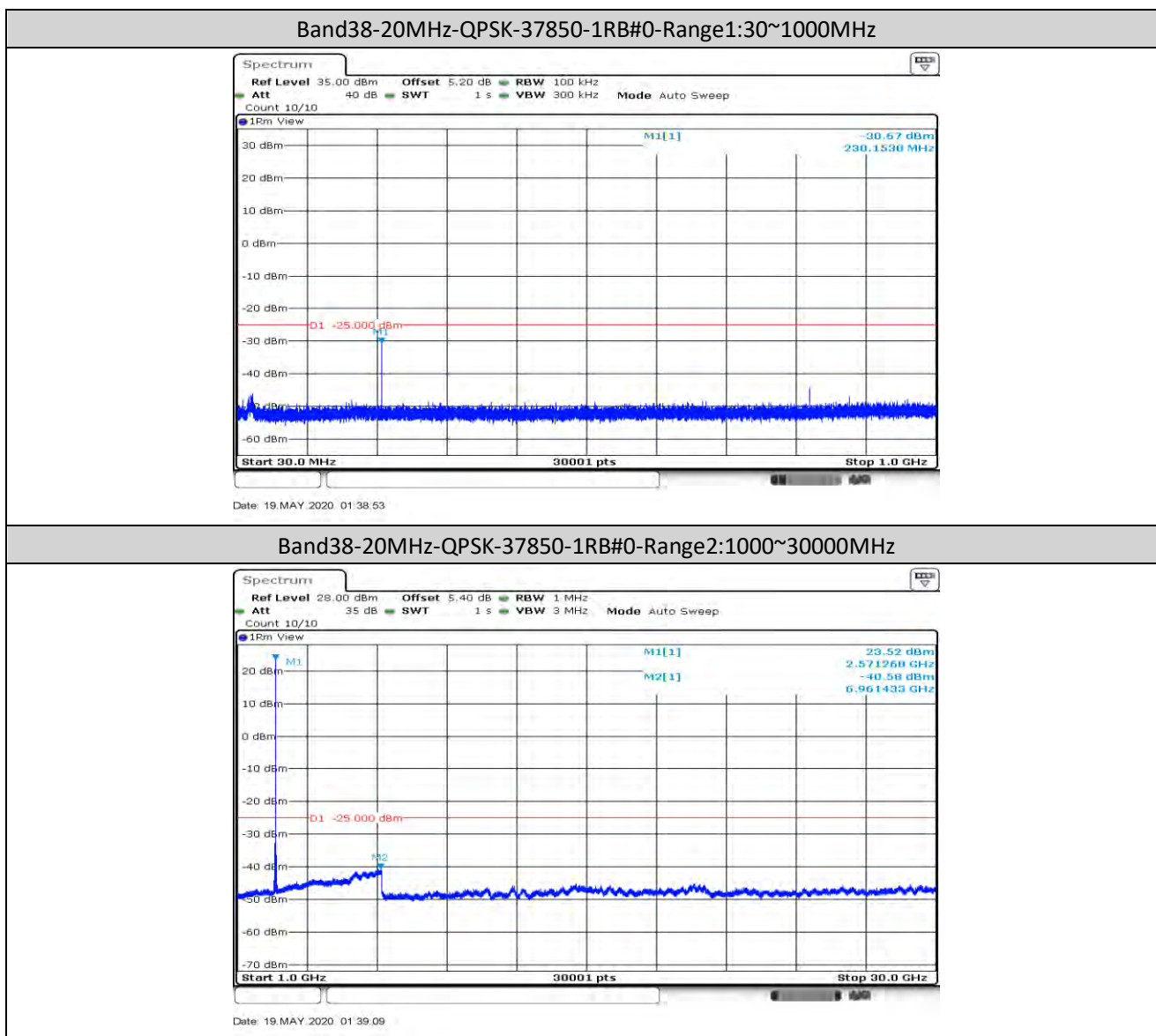
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6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (\text{Span} / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.

6.1. Test Plots



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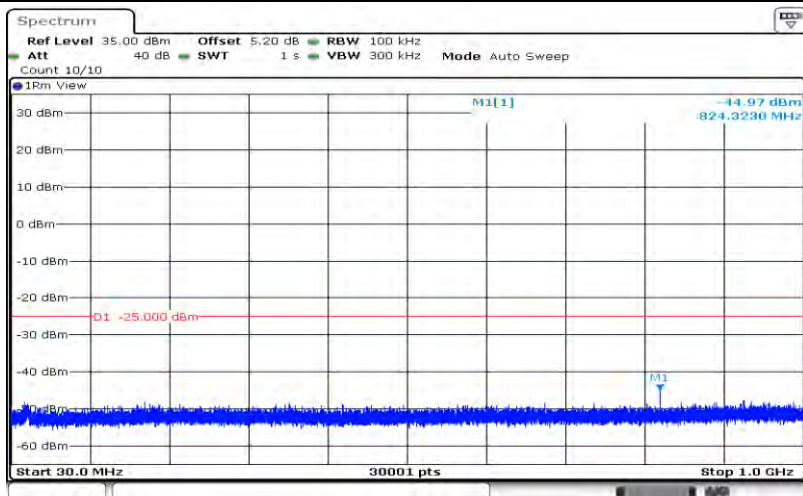
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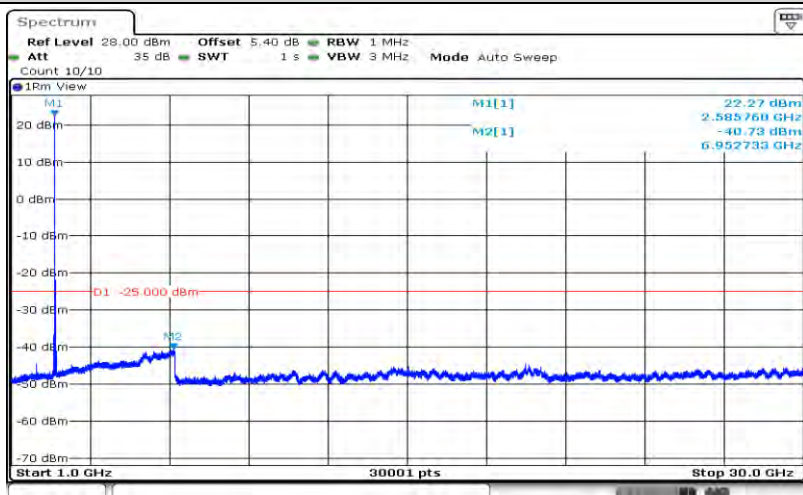


Band38-20MHz-QPSK-38000-1RB#0-Range1:30~1000MHz



Date: 19.MAY.2020 01:40:03

Band38-20MHz-QPSK-38000-1RB#0-Range2:1000~30000MHz



Date: 19.MAY.2020 01:40:19

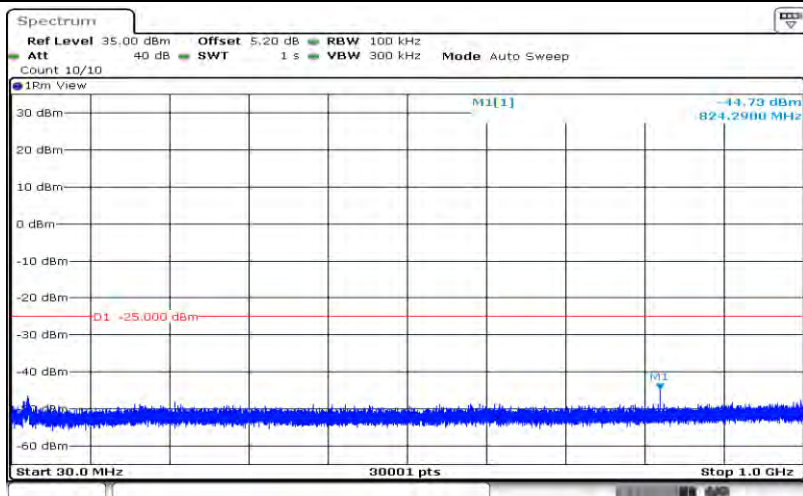


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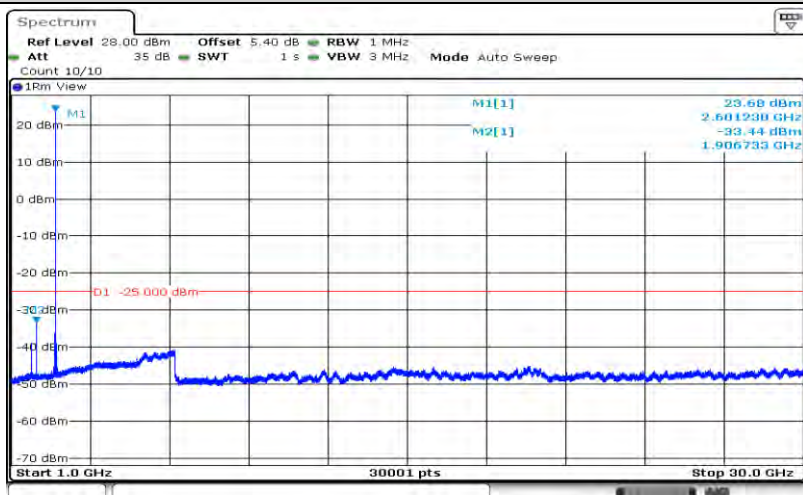


Band38-20MHz-QPSK-38150-1RB#0-Range1:30~1000MHz



Date: 19.MAY.2020 01:41:13

Band38-20MHz-QPSK-38150-1RB#0-Range2:1000~30000MHz



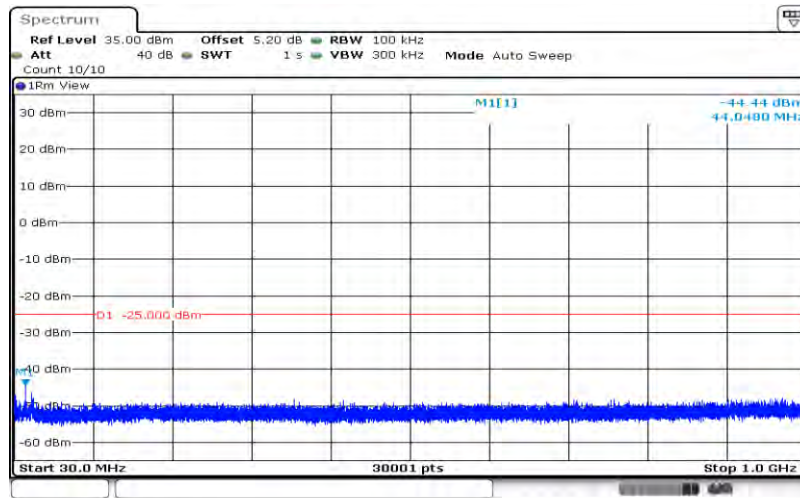
Date: 19.MAY.2020 01:41:30



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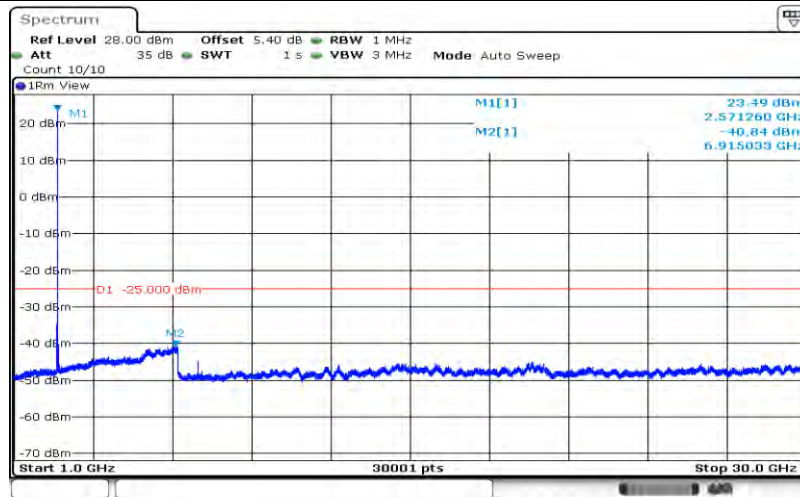
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Band38-20MHz-64QAM-37850-1RB#0-Range1:30~1000MHz



Date: 22 MAY 2020 11:12:42

Band38-20MHz-64QAM-37850-1RB#0-Range2:1000~30000MHz



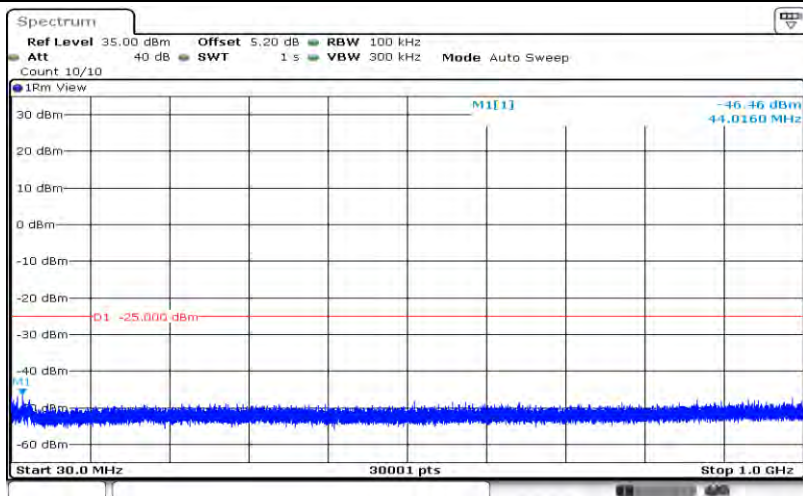
Date: 22 MAY 2020 11:12:58



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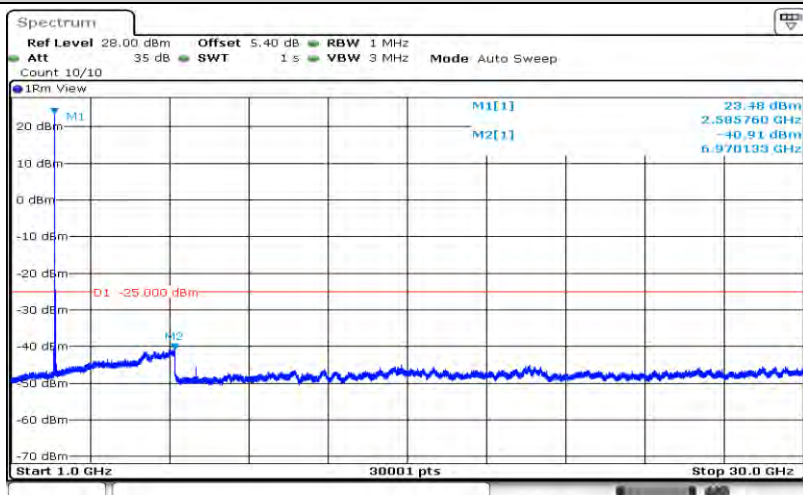
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Band38-20MHz-64QAM-38000-1RB#0-Range1:30~1000MHz



Date: 22 MAY 2020 11:13:17

Band38-20MHz-64QAM-38000-1RB#0-Range2:1000~30000MHz



Date: 22.MAY.2020 11:13:34

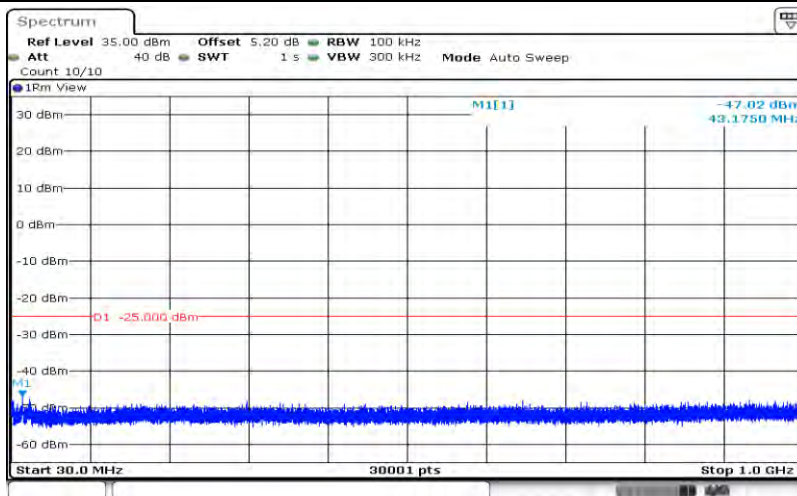


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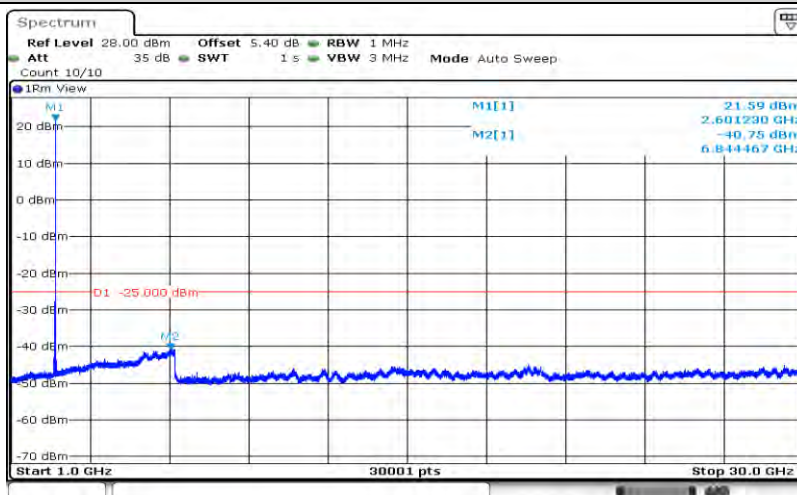
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Band38-20MHz-64QAM-38150-1RB#0-Range1:30~1000MHz



Date: 22 MAY 2020 11:13:53

Band38-20MHz-64QAM-38150-1RB#0-Range2:1000~30000MHz



Date: 22 MAY 2020 11:14:09

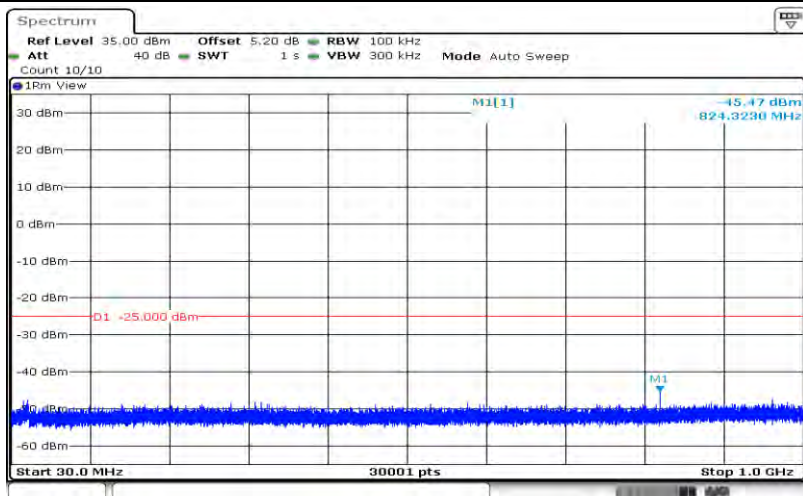


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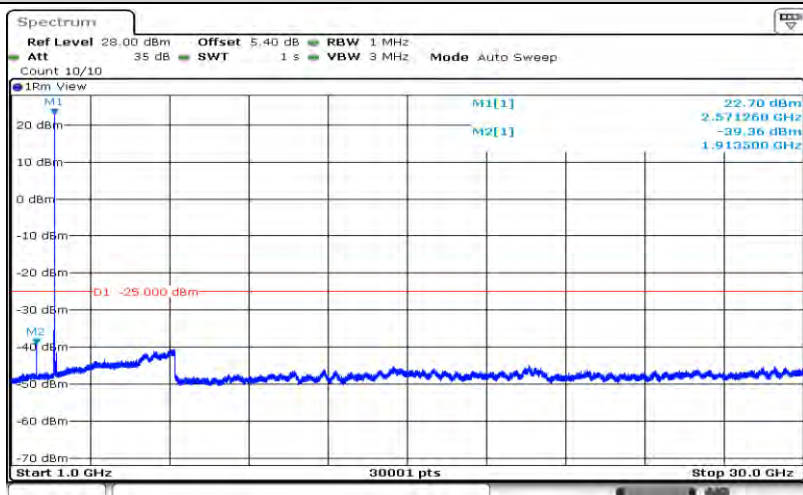


Band38-20MHz-16QAM-37850-1RB#0-Range1:30~1000MHz



Date: 19.MAY.2020 01:39:28

Band38-20MHz-16QAM-37850-1RB#0-Range2:1000~30000MHz



Date: 19.MAY.2020 01:39:44



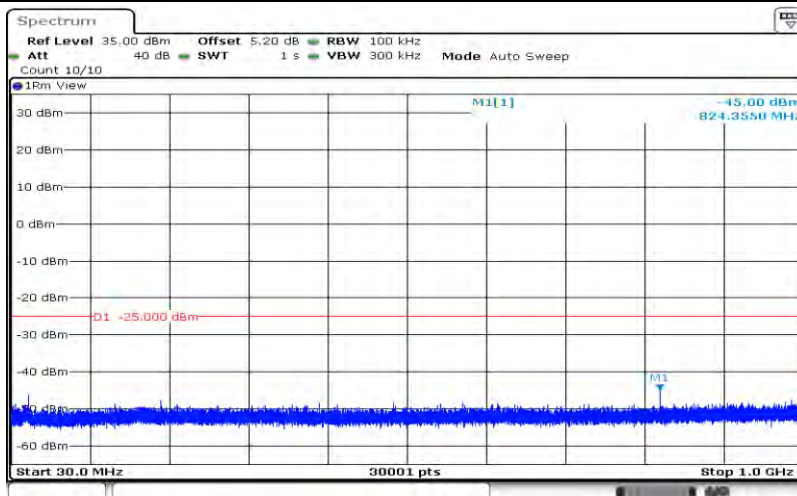
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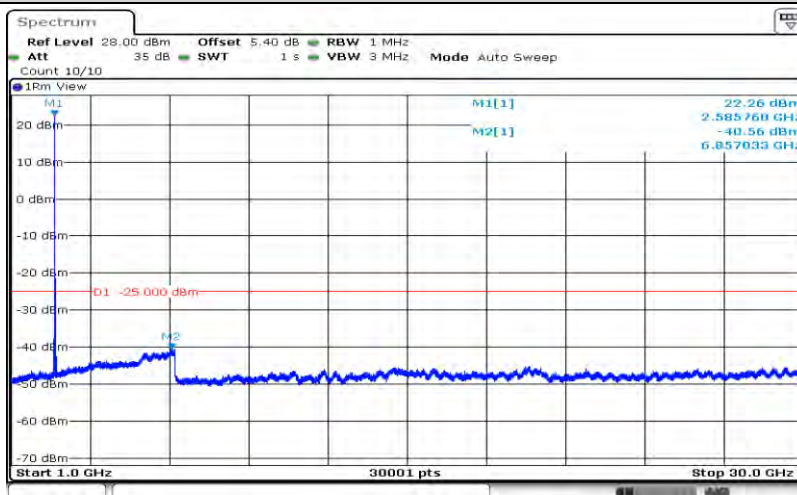
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Band38-20MHz-16QAM-38000-1RB#0-Range1:30~1000MHz



Date: 19.MAY.2020 01:40:38

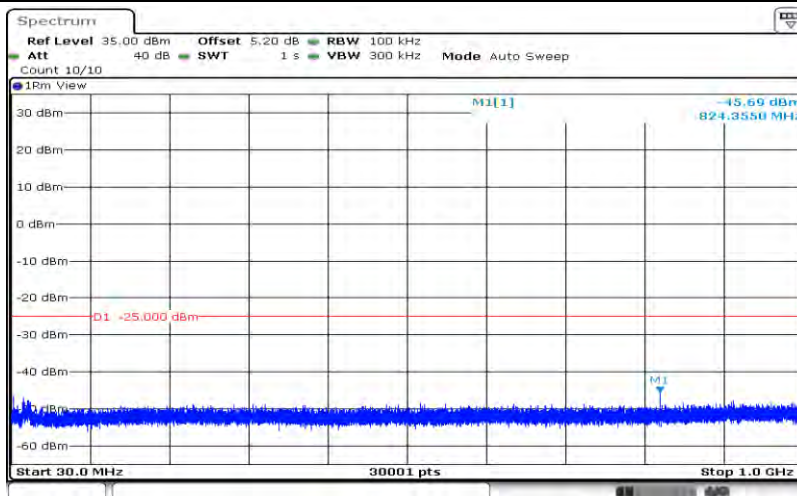
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Date: 19.MAY.2020 01:40:54

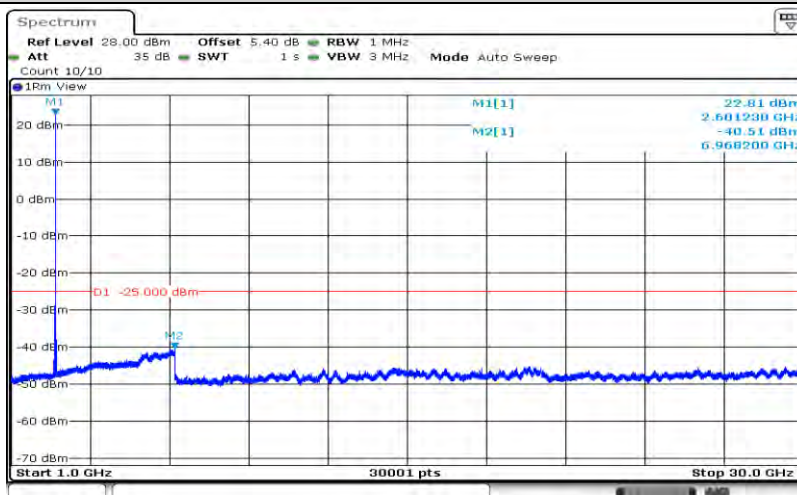


Band38-20MHz-16QAM-38150-1RB#0-Range1:30~1000MHz



Date: 19.MAY.2020 01:41:48

Band38-20MHz-16QAM-38150-1RB#0-Range2:1000~30000MHz



Date: 19.MAY.2020 01:42:05



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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 20MHz

7.1.1. Test Channel = LCH

Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
41.2526	-71.09	-64.26	-25.00	39.26	263	306	Horizontal
1615.3231	-69.56	-45.07	-25.00	20.07	222	116	Horizontal
5142.0714	-46.83	-53.49	-25.00	28.49	278	331	Horizontal
7713.1571	-39.73	-41.28	-25.00	16.28	152	7	Horizontal
16377.9459	-57.70	-43.65	-25.00	18.65	196	130	Horizontal
17991.9997	-57.87	-44.93	-25.00	19.93	174	81	Horizontal
116.7223	-71.24	-65.42	-25.00	40.42	206	330	Vertical
1639.3279	-69.41	-44.62	-25.00	19.62	175	65	Vertical
5142.0714	-49.52	-56.54	-25.00	31.54	163	7	Vertical
7713.1571	-41.22	-42.36	-25.00	17.36	172	7	Vertical
14477.8826	-60.06	-47.73	-25.00	22.73	197	181	Vertical
17998.5000	-57.71	-39.87	-25.00	14.87	284	330	Vertical

7.1.2. Test Channel = MCH

Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
42.6106	-71.72	-64.82	-25.00	39.82	296	306	Horizontal
5172.0724	-48.45	-55.15	-25.00	30.15	124	306	Horizontal
7758.1586	-33.68	-34.77	-25.00	9.77	163	7	Horizontal
12930.3310	-57.00	-47.46	-25.00	22.46	218	356	Horizontal
16393.9465	-57.75	-43.41	-25.00	18.41	177	157	Horizontal
17999.0000	-58.16	-45.05	-25.00	20.05	154	256	Horizontal
113.1332	-71.14	-65.01	-25.00	40.01	125	231	Vertical
1725.7451	-69.30	-44.15	-25.00	19.15	277	321	Vertical
5172.0724	-52.09	-59.14	-25.00	34.14	153	33	Vertical
7758.6586	-38.80	-39.46	-25.00	14.46	128	9	Vertical
14497.8833	-59.62	-47.13	-25.00	22.13	261	306	Vertical
17999.0000	-58.20	-40.35	-25.00	15.35	278	231	Vertical



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7.1.3. Test Channel = HCH

Freq. [MHz]	Reading [dBm]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
44.3082	-71.04	-64.06	-25.00	39.06	253	5	Horizontal
1805.7612	-69.49	-43.51	-25.00	18.51	125	99	Horizontal
5202.0734	-49.33	-56.08	-25.00	31.08	189	306	Horizontal
7803.6601	-36.71	-37.35	-25.00	12.35	126	5	Horizontal
16387.9463	-57.33	-43.10	-25.00	18.10	177	306	Horizontal
17998.5000	-58.05	-44.95	-25.00	19.95	194	204	Horizontal
110.4655	-70.54	-64.17	-25.00	39.17	263	330	Vertical
1649.3299	-69.06	-44.22	-25.00	19.22	152	36	Vertical
5202.0734	-51.97	-59.07	-25.00	34.07	131	8	Vertical
7803.1601	-36.47	-36.68	-25.00	11.68	263	330	Vertical
14492.8831	-59.80	-47.35	-25.00	22.35	278	58	Vertical
17996.9999	-58.27	-40.47	-25.00	15.47	217	206	Vertical

Remark:

- 1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.
- 3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.



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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth h	Modulation	Channel l	RB Configur e	Voltage [Vdc]	Tempe rature (°C)	Deviation n (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	VL	NT	-3.80	-0.001473	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VN	NT	-5.20	-0.002016	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	VH	NT	-6.00	-0.002326	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VL	NT	-6.90	-0.002659	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VN	NT	-8.20	-0.003160	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	VH	NT	-2.90	-0.001118	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VL	NT	-3.60	-0.001379	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VN	NT	-6.80	-0.002605	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	VH	NT	-4.40	-0.001686	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VL	NT	-6.00	-0.002326	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VN	NT	-6.00	-0.002326	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	VH	NT	-6.40	-0.002481	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VL	NT	-4.00	-0.001541	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VN	NT	-6.60	-0.002543	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	VH	NT	-6.90	-0.002659	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VL	NT	-9.00	-0.003448	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VN	NT	-6.90	-0.002644	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	VH	NT	-7.10	-0.002720	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VL	NT	-4.30	-0.001667	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VN	NT	-8.10	-0.003140	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	VH	NT	-5.40	-0.002093	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VL	NT	-8.10	-0.003121	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VN	NT	-5.40	-0.002081	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	VH	NT	-5.40	-0.002081	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VL	NT	-7.00	-0.002682	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VN	NT	-6.40	-0.002452	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	VH	NT	-4.80	-0.001839	±2.5	PASS



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8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band38	20MHz	QPSK	37850	100RB#0	NV	-30	-4.90	-0.001899	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	-20	-7.90	-0.003062	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	0	-5.10	-0.001977	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	10	-3.20	-0.001240	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	20	-4.10	-0.001589	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	30	-4.50	-0.001744	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	40	-3.10	-0.001202	±2.5	PASS
Band38	20MHz	QPSK	37850	100RB#0	NV	50	-6.40	-0.002481	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-30	-6.90	-0.002659	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	-20	-4.10	-0.001580	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	0	-2.30	-0.000886	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	10	-5.30	-0.002042	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	20	-6.10	-0.002351	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	30	-2.40	-0.000925	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	40	-2.70	-0.001040	±2.5	PASS
Band38	20MHz	QPSK	38000	100RB#0	NV	50	-3.70	-0.001426	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-30	-4.70	-0.001801	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	-20	-7.20	-0.002759	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	0	-6.50	-0.002490	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	10	-5.80	-0.002222	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	20	-5.30	-0.002031	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	30	-6.10	-0.002337	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	40	-4.50	-0.001724	±2.5	PASS
Band38	20MHz	QPSK	38150	100RB#0	NV	50	-3.20	-0.001226	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-30	-6.40	-0.002481	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	-20	-0.60	-0.000233	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	0	-5.60	-0.002171	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	10	-9.20	-0.003566	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	20	-4.80	-0.001860	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	30	-5.00	-0.001938	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	40	-5.70	-0.002209	±2.5	PASS
Band38	20MHz	64QAM	37850	100RB#0	NV	50	-6.50	-0.002519	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-30	-5.60	-0.002158	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	-20	-4.80	-0.001850	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	0	-5.80	-0.002235	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	10	-5.80	-0.002235	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	20	-8.70	-0.003353	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	30	-6.20	-0.002389	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	40	-3.80	-0.001464	±2.5	PASS
Band38	20MHz	64QAM	38000	100RB#0	NV	50	-6.40	-0.002466	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-30	-7.00	-0.002682	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	-20	-3.40	-0.001303	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	0	-9.10	-0.003487	±2.5	PASS



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Band38	20MHz	64QAM	38150	100RB#0	NV	10	-8.20	-0.003142	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	20	-10.40	-0.003985	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	30	-7.60	-0.002912	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	40	-7.00	-0.002682	±2.5	PASS
Band38	20MHz	64QAM	38150	100RB#0	NV	50	-6.40	-0.002452	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-30	-4.70	-0.001822	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	-20	-6.80	-0.002636	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	0	-5.30	-0.002054	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	10	-8.80	-0.003411	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	20	-4.60	-0.001783	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	30	-5.40	-0.002093	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	40	-3.60	-0.001395	±2.5	PASS
Band38	20MHz	16QAM	37850	100RB#0	NV	50	-4.50	-0.001744	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-30	-3.50	-0.001349	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	-20	-2.70	-0.001040	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	0	-6.70	-0.002582	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	10	-4.30	-0.001657	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	20	-7.70	-0.002967	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	30	-5.10	-0.001965	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	40	-6.00	-0.002312	±2.5	PASS
Band38	20MHz	16QAM	38000	100RB#0	NV	50	-5.80	-0.002235	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-30	-5.00	-0.001916	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	-20	-6.20	-0.002375	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	0	-8.30	-0.003180	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	10	-5.70	-0.002184	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	20	-8.50	-0.003257	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	30	-9.90	-0.003793	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	40	-4.10	-0.001571	±2.5	PASS
Band38	20MHz	16QAM	38150	100RB#0	NV	50	-4.00	-0.001533	±2.5	PASS



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